FIRE FILE

LIMA LOCOMOTIVE WORKS
INCORPORATED
LIMA, OHIO, U.S.A.

DIRECT LOCOMOTIVE
MATERIAL BOOK

CLASS 0-8-0 **DEPT.** DRAWING ROOM

AKRON, CANTON & YOUNGSTOWN

ORDER No.	SHOP NUMBERS	DATE	DRAUGHTSMAN
2 ENG. C.O. 1088	7075 & 7076		S. K. HARRIS.

INDEX TO CLASSIFICATION OF MATERIAL

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#160
Mr Snyder

May 12, 1926.

PIPING LIST - ENGINE

Class 0-8-0 Akron, Canton & Youngstown Ry. C. O. 1088

13 Ft. 3-1/2" Extra Heavy Pipe

3 " 2-1/2" " " "

125 " 2" " " "

75 " 1-1/2" " " "

145 " 1-1/4" " " "

55 " 1" " " "

85 " 3/4" " " "

40 " 1/2" " " "

80 " 3/8" " " "

100 " 1/4" " " "

60 " 1-1/4" Std. Steel Pipe for Sand Pipes

90 " 1" " " " " Hand-rails

100 " 1/4" Extra Heavy Pipe for Templets

11 Ft. 2-1/4" Copper Pipe

6 " 1-1/2" " "

6 " 3/4" " "

3 " 11/16" " "

95 " 1/2" " "

80 " 3/8" " "

4 3/8 Copper Pipe Unions M. E. 1/4" Iron Pipe

2 1/2 " " " " " 1/4" " "

2 1/2 " " " " " 3/8" "

2 " " 2 x 1-1/4

1 Stud Unions 2 x 1
1 Return bend 2"
1 Ell 1-1/2
2 Unions 1-1/2
2 Nipple Unions 1-1/2
3 " " Ells 1-1/2
2 Union Ells 1-1/2
1 45° Ell 1-1/2
1 45° Nipple Union Ell 1-1/2
1 Tee 1-1/2 x 1-1/4 x 1-1/4
3 Couplings 1-1/2
3 Bushings 1-1/2 x 1-1/4
3 Return bends 1-1/2
2 Y Fittings 1-1/2 x 1-1/2 x 1
1 Ell 1-1/4
1 St. Ell 1-1/4
15 Unions 1-1/4
6 Nipple Unions 1-1/4
4 " " Ells 1-1/4
4 Union Ells 1-1/4
1 Tee 1-1/4 x 1 x 1-1/4
1 " 1-1/4 x 1/2 x 1-1/4
1 " 1-1/4 x 1-1/4 x 3/4
1 " 1-1/4 x 1-1/4 x 1/2
2 Couplings 1-1/4
2 Bushings 1-1/4 x 1
2 Ells 1"
1 St. Ell 1"
3 Unions 1"
4 Nipple Unions 1"
2 " " Ells 1"
2 Union Ells 1"
1 45° Nipple Union Ells 1"
1 45° Union Ell 1"
1 Tee 1 x 1 x 1/4
1 " 1 x 1 x 3/4
1 " 1 x 3/4 x
2 Reducing Co
2 Coupling
2 Bushi
2 Ell
2
5
1 Union Ell 2-1/2
3 Bushings 2-1/2 x 2
1 Ell 2"
1 Nipple Union 2"
1 Union Ell 2"
2 Ells 2"
2 Tees 2 x 1-1/2 x 1-1/2
1 " 2 x 2 x 1/2
1 " 2"
1 Reducing Coupling 2 x 1-1/2
1 Ell 2"
2 E
1 Unio

4/c

8/c x 3/8

DELAF ENGINEERING MAY 15 1926

PROOF MAY 12 1926 ENGINEERING DEPT.

Group No.			
10			
11			
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13-14			
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19-20			
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22-23			
26-27			
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31-32	C		
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34	C		
35	I		
36	I		
37	I		
39	I		
40-41	I		
44	I		
45	I		
46-47	I		
50	C		
51-52	C		
53	I		
54	I		
55	I		
57	I		
58	I		
59	C		
60	C		
61	I		
62	I		
63-64	P		
65	I		
66	I		
68	I		
69	I		
71	I		
72	I		
73	S		
75	S		
76-77	S		
78	S	1	Ell 3-1/2"
79	S	1	Union Ell 2-1/2
80	S	3	Bushings 2-1/2 x 2
81	S	1	Ell 2"
82	T	1	St. Ell 2"
83	T	3	Unions 2"
84	T	1	Nipple Union 2"
85	T	1	Union Ell 2"
86	T	2	45° Ells 2"
87	T	2	Tees 2 x 1-1/2 x 1-1/2
88	T	1	" 2 x 2 x 3/8
89	T	1	" 2"
90	V	1	Reducing Coupling 2 x 1-1/4
91	T	6	Couplings 2"
92	T	3	Bushings 2 x 1-1/2
94	V	2	" 2 x 1-1/4
95	V	2	Stud Unions 2 x 1-1/2
96	V	2	" " 2 x 1-1/4
99	I		

2	Nipples 2" x 4"
2	" 2" x 2"
4	" 1-1/2 x 3
6	" 1-1/4 x 3
1	" 1 x 7
1	" 1 x 6
2	" 1 x 5
1	" 1 x 4
4	" 1 x 3
3	" 1 x 2
4	" 1 x 1-1/2
2	" 3/4 x 6
2	" 3/4 x 5
2	" 3/4 x 4
4	" 3/4 x 3
4	" 3/4 x 2
6	" 3/4 x 1-1/2
1	" 1/2 x 6
1	" 1/2 x 5
1	" 1/2 x 4
2	" 1/2 x 3
2	" 1/2 x 2
2	" 1/2 x 1-1/2
1	" 3/8 x 7
1	" 3/8 x 6
1	" 3/8 x 5
2	" 3/8 x 4
4	" 3/8 x 3
3	" 3/8 x 2
3	" 3/8 x 1-1/2
2	" 1/4 x 7
1	" 1/4 x 6
1	" 1/4 x 5
1	" 1/4 x 4
4	" 1/4 x 3
4	" 1/4 x 2
4	" 1/4 x 1-1/2
4	" 1/4 x 1

1	Stud Unions 2 x 1
1	Return bend 2"
1	Ell 1-1/2
2	Unions 1-1/2
2	Nipple Unions 1-1/2
3	" " Ells 1-1/2
2	Union Ells 1-1/2
1	45° Ell 1-1/2
1	45° Nipple Union Ell 1-1/2
1	Tee 1-1/2 x 1-1/4 x 1-1/4
3	Couplings 1-1/2
3	Bushings 1-1/2 x 1-1/4
3	Return bends 1-1/2
2	Y Fittings 1-1/2 x 1-1/2 x 1
1	Ell 1-1/4
1	St. Ell 1-1/4
15	Unions 1-1/4
6	Nipple Unions 1-1/4
4	" " Ells 1-1/4
4	Union Ells 1-1/4
1	Tee 1-1/4 x 1 x 1-1/4
1	" 1-1/4 x 1/2 x 1-1/4
1	" 1-1/4 x 1-1/4 x 3/4
1	" 1-1/4 x 1-1/4 x 1/2
2	Couplings 1-1/4
2	Bushings 1-1/4 x 1
2	Ells 1"
1	St. Ell 1"
3	Unions 1"
4	Nipple Unions 1"
2	" " Ells 1"
2	Union Ells 1"
1	45° Nipple Union Ells 1"
1	45° Union Ell 1"
1	Tee 1 x 1 x 1/4
1	" 1 x 1 x 3/4
1	" 1 x 3/4 x 1
2	Reducing Couplings 1 x 3/4
2	Couplings 1"
2	Bushings 1 x 3/4
2	Ells 3/4
2	St. Ells 3/4
5	Unions 3/4
6	Nipple Unions 3/4
5	" " Ells 3/4
4	Union Ells 3/4
1	45° Nipple Union Ells 3/4
1	45° Union Ell 3/4
1	Tee 3/4
1	" 3/4 x 3/8 x 3/4
1	" 3/4 x 3/4 x 3/8
1	" 3/4 x 3/4 x 1/2
1	Union Tee 3/4
1	Ell 3/4 x 1/2
2	Couplings 3/4
1	Bushing 3/4 x 3/8
2	Ells 1/2
1	Union 1/2

RECEIVED MAY 12 1926 ENGINEERING DEPT.

				Brass Castings Page No.
13				
1				
1				42
1				42
18				
19-2				
21				
22-2				
26-2				
28				
29				
30				42
31-32				
33				
34				
35				
36				
37		3	Nipple Unions 1/2	
39		5	" " Ells 1/2	42
40-41		1	Union ell 1/2	
44		1	Tee 1/2	
45		1	Union Tee 1/2	
46-47		2	Couplings 1/2	42
50		1	Plug 1/2	
51-52		6	Ells 3/8	
53		3	Unions 3/8	
54		1	Nipple Union 3/8	
55		3	" " Ells 3/8	
57		3	Union Ells 3/8	
58		1	45° Union Ell 3/8	42
59		1	Tee 3/8	
60		2	Couplings 3/8	
61		1	Reducing Coup. 3/8 x 1/4	
62		2	Plugs 3/8	
63-64		2	Bushings 3/8 x 1/4	
65		14	Ells 1/4	
66		4	St. Ells 1/4	
68		2	Unions 1/4	
69		4	Nipple Unions 1/4	
71		4	" " Ells 1/4	
72		4	Union Ells 1/4	43
73		1	Tee 1/4	
75		2	Union Tees 1/4	
76-77		6	Couplings 1/4	
78		2	Plugs 1/4	
79				
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82				43
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RECD MAY 12 1926 ENGINEERING DEPT.

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ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

	PAGE	LINE	DATE OF ENTRY IN		CHECK	PAGE	LINE	DATE OF ENTRY IN		CHECK	PAGE	LINE	DATE OF ENTRY IN		CHECK	PAGE	LINE	DATE OF ENTRY IN		CHECK	PAGE	LINE	DATE OF ENTRY IN		CHECK
			D. R. Book	Pur. Dept. Book				D. R. Book	Pur. Dept. Book				D. R. Book	Pur. Dept. Book				D. R. Book	Pur. Dept. Book				D. R. Book	Pur. Dept. Book	
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ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

ORDER

	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
1	14	65.66	3/10	3/11	ea.
2	6	62.63	"	"	"
3	32	15.16	"	"	"
4	32	22 To 25	"	"	"
5	29	52.48	"	"	"
6	36	2 To 5	"	"	"
7	28 to 36	MAT. SPEC	"	"	"
8	1	3 To 13	"	"	"
9	7	3.4.5	"	"	"
10	15	32	"	"	"
11	18	17	"	"	"
12	19	59.61	"	"	"
13	4	44	"	"	"
14	25	54	"	"	"
15	26	2	"	"	"
16	5	12.14	"	"	"
17	4	59 To 62	"	"	"
18	33	62	"	"	"
19	5	3 To 10	"	"	"
20	5	15.16.	"	"	"
21	5	19.20.21	"	"	"
22	34	~~2.3.4.5~~ ~~3 4 5 6~~	"	"	"
23	34	17	"	"	"
24	8	49.53	"	"	"
25	4	50 To 55	"	"	"
26	23	39.67	"	"	"
27	27	44.47	"	"	"
28	22	39	3/12	3-13	S
29	35	43.44	"	"	S
30	27	2	"	"	S
31	23	41	"	"	S
32	24	56.57	"	"	S
33	25	31.32	"	"	S
34	6	29	3/13	"	S
35	9	31	"	"	S
36	20	19.20.21 RECORD	3/15	3-18	S
37	14	39.40.42.43	"	"	S
38	29	60.61	3/17	3-18	S
39	11	51	"	"	S
40	30	11	"	"	S
41	23	49	"	"	S
42	25	38	"	"	S
43	14	23.24	3/18	3-20	S
44	25	5.	3/19	"	S
45	24	33.35	"	"	S
46	21	11.21	"	"	S
47	33	3	"	"	S
48	21	14	"	"	S
49	2	14	"	"	S
50	38	10	"	"	S
51	11	23	3/22	3-22	S
52	24	12	"	"	S
53	24	27	3/23	3-24	S
54	29	63	3/24	3-24	S
55	10	2	"	3-25	S
56	25	56.57	"	"	S
57	29	51.53	"	"	S
58	25	51	"	"	S
59	35	41.42	"	"	S
60	16	28	"	"	S
61	9	42	"	"	S
62	15	64.65	3/25	3/26	S
63	2	16.22	"	"	"
64	15	24	"	"	"
65	8	7.8.9.10	"	"	"
66	18	7	"	"	"
67	19	53	3/26	3-29	S
68	12	19	"	"	S

HOLD-UP

	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
1	31	6.7	3/12	3-13	S
2	25	59 To 61	"	"	"
3	1	36	"	"	"
4	24	30	"	"	"
5	5	3 to 10	"	"	"
6	✓	15.16	"	"	"
7	✓	19.20.21	"	"	"
8	28	40.41	3/18	3-20	"
9	26	2	4/13	4-21	"

RELEASE

	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
1	25	AS CHANGED 59 TO 67	3/19	3-20	S
2	1	AS CHANGED 36	"	"	S
3	28	AS CHANGED 40.41	3/22	3-22	S
4	31	AS CHANGED 6.7	"	"	Co.
5	5	AS CHANGED 4.5.6.9	3/30	3-31	S
6	26	AS CHANGED 2	4/27	5-1	S

CHANGE

	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
1	20	11	3/10	3/11	
2	33	32	"	"	
3	23	57.58.67	"	"	
4	14	CANCEL 36. HEREAFTER	3/15	3/16	
5	10	34	3/17	3-19	S
6	15	26	3/18	3-20	"
7	23	66	3/19	"	"
8	19	RECORD 26	"	"	"
9	27	40	"	"	"
10	24	CANCEL 30	"	"	"
11	1	21.30	"	"	"
12	21	5.6	3/22	3-23	"
13	20	19.22	3/23	3-24	"
14	34	47.48	"	"	"
15	29	60.61	3/24	"	"
16	25	RECORD 32	3/25	3-25	"
17	16	RECORD 15	"	"	"
18	33	CANCEL 3	"	"	"
19	15	44	"	"	"
20	34	4.5	3/26	3-29	S
21	20	17	"	"	S
22	4	50	"	"	S
23	8	61	3/30	3-31	S
24	5	CANCEL 3.7.8.10		"	S
25	5	CANCEL 15.16.19.20.21	3/30	"	S
26	10	20	3/31	4-1	"
27	21	RECORD 28.47	4/2	4-3	"
28	25	2	4/3	4-5	"
29	20	19	4/5	4-6	S
30	24	33	"	"	S
31	35	49.50	4/13	4-21	S
32	18	56	4/16	"	S
33	16	CANCEL 40	4/24	4-26	S
34	22	28	4/26	4-27	S

ADDITIONS AND CHANGES AFTER ISSUE OF BOOK

	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK	PAGE	LINE	DATE OF ENTRY IN D. R. Book	DATE OF ENTRY IN Pur. Dept. Book	CHECK
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ORDER_____

PLATES

ITEM	For One Engine	DESCRIPTION	MATERIAL	THICK	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 10—ASH PAN**									
2		Name of Plate									
✓ 3	2	Ash Pan Plates -SIDES- TOP	TANK STEEL	1/4"	32"	100"	A.S.T.M A-10-24	3/10	3/11		
✓ 4	2	" " " " -EXT.	"	1/4"	16 1/2"	108"	"	"	"		
✓ 5	1	" " " - FRONT- TOP	"	1/4"	35"	51"	"	"	"		
✓ 6	2	" " - - SIDES	"	1/4"	28"	82"	"	"	"		
✓ 7	1	" " - - FRONT- BOT	"	1/4"	22"	26"	"	"	"		
✓ 8	1	" " - - BACK- TOP	"	1/4"	14"	40"	"	"	"		
✓ 9	1	" " " - " -BOT	"	1/4"	22"	33"	"	"	"		
✓ 10	1	" " - - BOTTOM- F	"	1/4"	22"	35"	"	"	"		
✓ 11	2	" " " - WH. POCKET	"	1/4"	28"	30"	"	"	"		
✓ 12	4	~~Perforated Plates~~ -SCOOP- SIDES	"	1/4"	8"	21"	"	"	"		
✓ 13	2	" " " " -BOT	"	1/4"	15"	32"	"	"	"		
14		" "									
15											
16	—	Netting									
17											
18											
19		**GROUPS 13 AND 14—BOILER**									
20		Boiler	MATERIAL	THICK	WIDE	LONG	SPEC.				
✓ 21	1 SET	Flange Steel	to 13 MO ~~F~~ A 190 A				A.S.T.M A-30-24	2/25	2/8		
✓ 22		Dome of Flange Steel - Fire Box Quality to A.S.T.M. A-30-24						"			
23											
24											
25											
26											
27											
28											
29											
✓ 30	1 SET	Fire Box Steel - "Poncan" - Physical requirements to meet						2/25	3/8		
31		Spec. A.S.T.M - A-30-24 - 13MO ~~F~~ A. 190A						"	"		
32											
33											
34											
35											
✓ 36	1 SET	Boiler Tank Steel	to 13 MO ~~F~~ A. 190 A.				A.S.T.M. A-10-24	2/25	3/8		
37											
38											
39											
40											
41											
42		**GROUP 18—BRACKETS**									
43			MATERIAL	THICK	WIDE	LONG	SPEC.				
44											
45											
46											
47											
48											
49		**GROUPS 19 AND 20—BRAKES**									
50			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓ 51	2	Air Pump Bracket Brace	TANK STEEL	1/2"	10"	22"	A.S.T.M A-10-24		3/8		
52											
✓ 53	2	Distributing Valve ~~Brace~~ Bracket	TANK STEEL	5/8"	2"	28"					
✓ 54	1	Feed Valve Bracket	TANK STEEL	3/8"	4"	26"	A.S.T.M. A-10-24	3/30	3-31		
55								"	"		
56											
57											
58											
59		**GROUP 21—BUMPERS**									
60			MATERIAL	THICK	WIDE	LONG	SPEC.				
61											
62											
63											
64											
65											
66											
67											
68											

ORDER_____

PLATES

ITEM	For One Engine	DESCRIPTION	MAT'L	THICK	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
✓ 1		**GROUP 22—CAB**									
✓ 2		Name of Plate									
✓ 3	2	Cab Roof - Sides	TANK STEEL	#11 B.W.G.	47"	114½"	A.S.T.M. A-10-24		3/8		
✓ 4	1	" " - Center	"	"	60"	114½"	"		11		
✓ 5	2	" Sides - Bottom	"	"	30½"	66½"	"		11		
✓ 6	2	" Front - Sides	"	"	30½"	92"	"		11		
✓ 7	2	" Back - "	"	"	34½"	93"	"		11		
✓ 8	2	" Sides - Top	"	"	34½"	66½"	"		11		
✓ 9	1	" Front - Cen.	"	"	33"	60½"	"		11		
✓ 10	1	" Back - "	"	"	28½"	52½"	"		11		
✓ 11	2	" Gutters	GALV. IRON	#24 "	5"	50½"			11		
12		**GROUP 23—CAB DETAILS**									
13			MAT'L	THICK	WIDE	LONG	SPEC.				
✓ 14	1	Cab Bracket	TANK STEEL	¼"	36½"	116½"	A.S.T.M. A-10-24	3/19	3-20		
15	—	" "									
✓ 16	1	" Firing Deck	"	¼"	28½"	60½"	"	3/25	3/27		
17		"									
✓ 18	1	" Apron	TANK STEEL	3/16"	20½"	90½"	"	4/8	4/8		
19		" Saddle									
✓ 20	2	" Ventilator	"	⅛"	25"	26"	"		3/8		
21		" Tool Box									
✓ 22	2	Side sheets. Brace	"	⅛"	18½"	36"	"	3/25	3/24		
23											
24											
25		**GROUP 32—CYLINDER DETAILS**									
26			MAT'L	THICK	WIDE	LONG	SPEC.				
✓ 27	2	Cyl. Head Casing, H. P. Front	TANK STEEL	3/16 1/8"	× 42" DIA.		A.S.T.M. A-10-24		3/8		
✓ 28	2	" " " H. P. Back	"	3/16 1/8"	× 42"	"	"		11		
29	—	" " " L. P. Front									
30	—	" " " L. P. Back									
✓ 31	2	Steam Chest Head Casing—F.	TANK STEEL	3/16"	× 31" DIA.		A.S.T.M. A-10-24		3/16		
✓ 32	2	" " " " —B.	"	3/16"	× 31"	"	"		11		
33											
34											
35											
36	—	**GROUP 33—CYLINDER COMPOUND ATTACHMENTS**									
37	—		MAT'L	THICK	WIDE	LONG	SPEC.				
38											
39											
40											
41											
42											
43		**GROUP 36—DOME**									
44			MAT'L	THICK	WIDE	LONG	SPEC.				
✓ 45	1	Dome Casing—Bottom	STEEL	#16 B.W.G.	23"	14-1"	A.S.T.M. A-10-24	3/30	3-31		
46	+	" " BUTT STRAP	"		2"	12½"	"				
✓ 47	1	" " Top	PRESS. QUAL. STEEL	3/16"	× 49" DIA.			3/30	3-31		
48	—	" " Flow Bowl									
49											
50											
51		**GROUP 37—DRAWGEAR—ENGINE**									
52			MAT'L	THICK	WIDE	LONG	SPEC.				
✓ 53	1	Draw ~~Plate~~ Pin Keeper	TANK STEEL	½"	7½"	10"	A.S.T.M. A-10-24		3/8		
54	—	" "									
55											
56											
57											
58	—	**GROUPS 40 AND 41—ENGINE AND TRAILING TRUCK DETAILS**									
59	—		MAT'L	THICK	WIDE	LONG	SPEC.				
60											
61											
62											
63											
64											
65											
66											
67											
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ORDER_____

PLATES

ITEM	For One Engine	DESCRIPTION	MATERIAL	THICK	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 45—FIRE DOOR**									
2	—	Name of Plate	MATERIAL	THICK	WIDE	LONG	SPEC.				
3	—	Fire Door									
4	—	" " Liner									
5	—	" " Damper									
6											
7											
8	—	**GROUP 46—FRAME**									
9	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
10											
11											
12											
13											
14		**GROUP 47—FRAME DETAILS**									
15			MATERIAL	THICK	WIDE	LONG	SPEC.				
16	—	Center Pin Bracket									
17	—	" " "									
18	—	Chafing Plate									
19	—	Engine Deck									
20	—	" " Brace									
21	1	Expansion Sheet B	TANK STEEL	1/2"	33"	61 1/2"	A.S.T.M. A-10-24		3/8		
22		" "									
23		" Pad Liner									
24		" " "									
25		Frame Brace									
26		" "									
27	—	" Filling									
28	—	" Slab									
29	—	Radius Bar Fulcrum									
30	—	" " "									
31											
32	1	Waist Sheet - BACK	TANK STEEL	1/2"	31 1/2"	36 1/2"	A.S.T.M A-10-24	3/30	3-31		
33		" "									
34		" " Wearing Plate									
35	2	Wearing Plate - FUR. X TIE	HARD BRASS	3/16"	10 1/4"	15 1/4"			3/8		
36											
37											
38		**GROUP 50—GUIDES AND ATTACHMENTS**									
39			MATERIAL	THICK	WIDE	LONG	SPEC.				
40	1	Guide Yoke Sheet (MAKES TWO)	TANK STEEL	5/8"	23"	72"	A.S.T.M. A-10-24	3/30	3-31		
41	—	" " Brace Liner									
42	—	" " Wearing Plate									
43											
44											
45		**GROUP 52—GRATE DETAILS**									
46			MATERIAL	THICK	WIDE	LONG	SPEC.				
47											
48											
49											
50		**GROUP 53—HANDRAILS AND STEPS**									
51			MATERIAL	THICK	WIDE	LONG	SPEC.				
52											
53											
54											
55		**GROUP 54 — HEADLIGHTS, LAMPS, ETC.**									
56			MATERIAL	THICK	WIDE	LONG	SPEC.				
57	1	Dynamo Bracket	TANK STEEL	3/8"	11/2	31					
58											
59	—	Headlight Shelf									
60		" Bracket									
61											
62	2	Sig. Lamp Brkt Supports	TANK STEEL								
63											
64											
65											
66											
67											
68											

ORDER_____

PLATES

ITEM	For One Engine	DESCRIPTION	MATERIAL	THICK	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 55—INJECTOR AND FEED WATER**									
2		Name of Plate	MATERIAL	THICK	WIDE	LONG	SPEC.				
3	—	Injector Bracket									
4	—	Manifold "									
5											
6											
7		**GROUP 57—LAGGING AND JACKET**									
8			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓ 9	28	Boiler Jacket	PAINTED STEEL	#20 B.W.G.	48"	120"			3/8		
10		" "									
✓11	2	" " CYL.	"	#16 B.W.G.	48"	120"			"		
12		" "									
13		" "									
14		" "									
✓15	2	Sht. Pipe Casings	B.A. STEEL	#20 B.W.G.	40"	60"			3/8		
16											
17		**GROUP 59—OIL CUPS AND LUBRICATOR**									
18			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓19	1	Lubricator Bracket	STEEL	7/8"	12"	30"		4/16	4-21		
✓20	1	Oil Can Holder	TANK STEEL	#12 B.W.G.	16½"	46½"	A.S.T.M-A-10-24	3/30	3-31		
✓21	1	" " " Top	"	"	4"	38"	" "	"	"		
22											
23											
24	—	**GROUP 60—OIL BURNING ATTACHMENTS**									
25	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
26											
27											
28											
29	—	**GROUP 62—PILOT**									
30	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
31											
32											
33											
34											
35	—	**GROUPS 63 AND 64 — PIPE FITTINGS**									
36	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
37											
38											
39											
40											
41											
42		**GROUP 68—REVERSE LEVER**									
43			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓44	1	Tow. Rev. Hd. Lever Brkt.	TANK STEEL	3/4"	5"	20"		3/10	3/11		
45	1	" " Cyl. Support	"								
46											
47											
48		**GROUP 71—RUNBOARDS**									
49			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓50	2	Run. Boards - Smk. Box	TANK STEEL	¼"	20"	~~45½"~~ 51½"	A.S.T.M. A-10-24	3/10	3/11		
✓51	2	" " - Front	"	¼"	18½"	97½"	" "	"	1/4		
✓52	1	" " - Back R.S.	"	¼"	18½"	182½"	" "	"	1/4		
✓53	1	" " - Mid. L.S.	"	¼"	18½"	119"	" "	"	1/4		
✓54	1	" " - Back L.S.	"	¼"	18½"	64½"	" "	"	1/4		
✓55	2	" " - Cab	"	¼"	30½"	68½"	" "	"	1/4		
56											
57		**GROUP 73—SAND BOX**									
58			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓59	4	Sand Box Body	STEEL	3/16"	25"	84"	A.S.T.M. A-10-24	3/10	3/11		
✓60	2	" " " Butt Straps	"	⅛"	2"	168"	"	"	1/4		
✓61	2	" " Top	PRESS. QUAL. STEEL	3/16"	50"	70"		"	1/4		
✓62	2	" " Bottoms	STEEL	¼"	46"	75½"	"	"	1/4		
63											
64											
65											
66											
67											
68											

ORDER_____

PLATES

ITEM	For One Engine	DESCRIPTION	MATERIAL	THICK	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 75—SMOKE BOX**									
2		Name of Plate	MATERIAL	THICK	WIDE	LONG	SPEC.				
✓ 3	X	~~Defec. Plate~~	TANK STEEL	~~1/4"~~	~~12 1/2"~~	~~66"~~ X	A.S.T.M.-A-10-24	3/10	3/11		
✓ 4	1	~~Cinder Pipe~~ " "	"	~~3/16"~~ 24"	~~11 1/2"~~	~~19 1/2"~~ 84"	" "	"	"		
✓ 5	1	" " " "	"	~~3/16"~~ 48"	~~11 1/2"~~	~~29"~~ 72"	" "	"	"		
✓ 6	1	~~Draft Pipe~~ " "	"	~~3/16"~~ 48"	~~20 3/4"~~ 3"	~~54"~~ 78"	" "	"	"		
✓ 7	~~2~~	" " " "	"	~~3/16"~~	~~20 1/2"~~	~~33"~~	" "	"	"		
✓ 8	~~2~~	" " " "	"	~~3/16"~~	~~20"~~	~~33"~~	" "	"	"		
✓ 9	1	Netting - Draftac #393	—	—	~~30"~~ 31"	~~15-0"~~ 66"	Slats 3/16 × 3/4" to run	"	"		
✓ 10	~~2~~	" " "	—	—	~~24"~~	~~60"~~	long thwise of Netting	"	"		
11	—	"									
✓ 12	1	Smoke Box Door	FLANGE STEEL	1/2" × 49 1/2" DIA.				3/10	3/11		
13	—	" " " Liner									
✓ 14	1	" " Front	"	1/2" × 86 1/2" DIA.				3/10	3/11		
✓ 15	~~2~~	~~Defec. Plates~~	TANK STEEL	~~3/16"~~	~~26"~~	~~38"~~	~~A.S.T.M.-A-10-24~~	"	"		
✓ 16	~~2~~	" "	"	~~3/16"~~	~~8 1/2"~~	~~19 1/2"~~	" "	"	"		
17		~~GROUP 77—SPRING RIGGING~~									
18			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓ 19	2	Defec. Plates	TANK STEEL	3/16"	17"	38 1/2"	A.S.T.M.-A-10-24	3/10	3/11		
✓ 20	2	" "	"	3/16"	5 1/2"	37 1/2"	" "	"	"		
✓ 21	1	" "	"	3/16"	8"	69 1/2"	" "	"	"		
22											
23											
24		**GROUP 78—ST. GAUGE SAFETY VALVES AND TURRETS**									
25			MATERIAL	THICK	WIDE	LONG	SPEC.				
26	—	Safety Valve Casing									
27											
28											
29	—	**GROUP 80—STOKER**									
30	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
31											
32											
33											
34											
35	—	**GROUP 81—SUPERHEATER**									
36	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
37											
38											
39											
40											
41											
42											
43	—	**GROUP 82—TANK VALVES**									
44	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
45											
46											
47											
48	—	**GROUP 83—TANK—ENGINE**									
49	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
50											
51											
52											
53											
54											
55											
56											
57		**GROUP 84—TENDER BRAKE**									
58			MATERIAL	THICK	WIDE	LONG	SPEC.				
59											
60											
61											
62											
63											
64											
65											
66											
67											
68											

ORDER_____

PLATES

ITEM	For One Engine	DESCRIPTION	MATERIAL	THICK	WIDE	LONG	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 85—TENDER FRAME**									
2		Name of Plate	MATERIAL	THICK	WIDE	LONG	SPEC.				
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14		**GROUP 86—TENDER DRAWGEAR**									
15			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓16	1	Coupler Carry Iron	STEEL	1½"	5"	29"		4/22	4-23		
✓17	1	Draft Gear Carrier	"	¾"	14½"	24"		4	"		
18											
19		**GROUP 87—TENDER DECK AND TOOL BOX**									
20			MATERIAL	THICK	WIDE	LONG	SPEC.				
21		Tender Deck									
22		" "									
23		Shovel Plate									
24											
25		Tool Box									
26											
27		**GROUP 88—TENDER TANK**									
28			MATERIAL	THICK	WIDE	LONG	SPEC.				
29	1 SET	Tank Plates	to 88 MO		75		A.S.T.M A-10-24	3/13	3-13		
30											
31											
32											
33											
34											
35											
36											
37											
38		**GROUP 89—TENDER TRUCK**									
39			MATERIAL	THICK	WIDE	LONG	SPEC.				
40											
41											
42											
43											
44	—	**GROUP 90—WATER SCOOP**									
45	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
46	—	Delivery Pipe									
47	—	Cylinder Support									
48	—	Shield									
49											
50	—	**GROUP 91—THROTTLE AND DRY PIPE**									
51	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
52											
53											
54											
55	—	**GROUP 92—TOOLS**									
56	—		MATERIAL	THICK	WIDE	LONG	SPEC.				
57											
58											
59											
60		**GROUP 95—WHEELS**									
61			MATERIAL	THICK	WIDE	LONG	SPEC.				
✓62	2	Hub Liners - Drivers	STEEL	¾"	× 19½" DIA.			3/10	3/11		
✓63	6	" " - "	"	¾"	× 18" "			"	"		
64											
65											
66											
67											
68											

ORDER_____

STRUCTURAL STEEL

ITEM	For One Engine	DESCRIPTION								Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 10—ASH PAN**											
2		Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
✓ 3	1 SET	"	$1\frac{3}{4}$"	$1\frac{3}{4}$"	$\frac{1}{4}$"	30	0			3/10	3/11		
✓ 4	1 "	"	$1\frac{1}{2}$"	$1\frac{1}{2}$"	$\frac{3}{16}$"	10	0			"	"		
✓ 5	1 PC	"	$2\frac{1}{2}$"	$2\frac{1}{2}$"	$\frac{3}{8}$"	7	0			"	"		
6													
7													
8													
9		**GROUPS 13 AND 14—BOILER AND DETAILS**											
10		Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
11													
12													
13													
14													
15													
16													
17		Tees	FLANGE	STEM	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
18		Crown Bar											
19		" "											
20		" "											
21													
✓ 22	2	Brace Tees	6"	$5\frac{1}{4}$"	39.4#	1	3				3/8		
✓ 23	2	" "	6"	$5\frac{1}{4}$"	"	1	$6\frac{1}{2}$				"		
✓ 24	2	" "	6"	$5\frac{1}{4}$"	"	1	9				"		
✓ 25	2	" "	6"	$5\frac{1}{4}$"	"	1	$3\frac{3}{4}$				"		
✓ 26	2	" "	6"	$5\frac{1}{4}$"	"	1	1				"		
✓ 27	2	" "	6"	$5\frac{1}{4}$"	"	0	11				"		
28													
29	—	**GROUP 18—BRACKETS**											
30	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
31													
32													
33													
34													
35													
36	—	**GROUPS 19 AND 20—BRAKES**											
37	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
38													
39													
40													
41													
42													
43													
44	—	**GROUP 21—BUMPERS**											
45	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
46													
47													
48													
49													
50	—	Channels	DEEP	WEB	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
51													
52													
53													
54													
55		**GROUP 22—CAB**											
56		Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
✓ 57	1 SET	" Cab	$1\frac{3}{4}$"	$1\frac{3}{4}$"	$\frac{1}{4}$"	100	0						
✓ 58	1 "	" "	$2\frac{1}{2}$"	$2\frac{1}{2}$"	$\frac{3}{8}$"	25	0				3/6		
✓ 59	1 "	" "	$1\frac{1}{2}$"	$1\frac{1}{2}$"	$\frac{3}{16}$"	20	0				"		
✓ 60	1 "	" "	$1\frac{1}{4}$"	$1\frac{1}{4}$"	$\frac{3}{16}$"	35	0				"		
61													
62		Tees	FLANGE	STEM	WEIGHT PER FT.	FEET	INCHES	MAKER	SECTION				
63													
64													
65													
66													
67													
68													

ORDER _____

STRUCTURAL STEEL

ITEM	For One Engine	DESCRIPTION								Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 23—CAB DETAILS**											
2		Angles	LEG	LEG	~~WEIGHT PER FT.~~	FEET	INCH'S	MAKER	SECTION				
✓3	1	Cab Ventilator	1¼"	1¼"	3/16"	17	0				3/8		
✓4	1	" "	1"	1"	⅛"	1	0				4		
✓5	1	" Brace #	2"	2"	¼"	25	0				4		
✓6	1	" Saddle	3"	3"	⅜"	4	0				4		
✓7	1	" Bracket	3"	3"	⅜"	7	6½			3/25	3/24		
✓8	1	" "	3"	3"	⅜"	5	5½			"	4		
✓9	1	" "	2"	2"	¼"	5	6"			3/25	4		
✓10	1	Side Sheet angle	2"	2"	¼"	13'	0			3/25	4		
11		" Tool Box											
12		" " "											
13	2	" Seat to Brace											
14													
15													
16	—	**GROUP 40-41—ENGINE AND TRAILING TRUCKS**											
17	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
18													
19													
20													
21		**GROUP 46-47—FRAME AND DETAILS**											
22		Angles	LEG	LEG	~~WEIGHT PER FT.~~	FEET	INCH'S	MAKER	SECTION				
✓23	1	Waist Sheet Angle	6"	6"	5/8"	3	11			3/30	3-31		
24													
25													
26													
27		**GROUP 50—GUIDES**											
28		Angles	LEG	LEG	~~WEIGHT PER FT.~~	FEET	INCH'S	MAKER	SECTION				
✓29	2	Side Sheet Angles.	6"	6"	5/8"	2	6			3/30	3-31		
30													
31	—	**GROUP 52—GRATE DETAILS**											
32	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
33													
34	—	Tees	Flange	STEM	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
35													
36	—	**GROUP 57—LAGGING AND JACKET**											
37	—		LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
38													
39													
40													
41	—	**GROUP 62—PILOT & SNOW PLOWS**											
42	—		LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
43													
44													
45													
46													
47		**GROUP 71—RUNNING BOARDS**											
48		Angles	LEG	LEG	~~WEIGHT PER FT.~~	FEET	INCH'S	MAKER	SECTION				
✓49	1 Pc	"	1½"	1½"	3/16"	6	0			3/10	3/11		
50													
51													
52	1 S	Tees	Flange	STEM	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
✓53	1 Set	"	2"	2"	¼"	90	0			3/10	3/11		
54													
55													
56													
57													
58													
59		**GROUP 75—SMOKE BOX**											
60		Angles	LEG	LEG	~~WEIGHT PER FT.~~	FEET	INCH'S	MAKER	SECTION				
✓61	1 Set	Deflec. Pl. angles	2"	2"	¼"	~~24~~ ~~5~~	0				3/8		
✓62	1 Pc	" " "	3"	2"	¼"	8	0				"		
63	1 Set												
64													
65													
66													
67													
68													

ORDER_____

STRUCTURAL STEEL

ITEM	For One Engine	DESCRIPTION	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 81—SUPERHEATER**											
2	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
3													
4													
5													
6													
7	—	**GROUP 83 — TANK—ENGINE**											
8	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
9													
10													
11													
12													
13													
14		**GROUP 85—TENDER FRAME**											
15		Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
✓ 16	2 SETS	Floor Edge	1¾"	1¾"	2.77#	27	6				4/8		
17													
18													
19													
20													
21													
22													
23		**GROUP 87—TENDER DECK AND TOOL BOX**											
24		Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
25													
26													
27													
28		**GROUP 88—TENDER TANK**											
29		Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
30													
✓ 31	1 SET	Angles-Peen & Beading	to	88 MO	75			A.S.T.M A 10-24		3/13	3-13		
32													
33													
34													
35													
36													
37													
38													
39													
40		**GROUP 89—TENDER TRUCK**											
41		Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
✓ 42	2	Truck Spring Planks 40# channel 93" long-Bar Acc. C-1								3/24	3-25		
43													
44													
45													
46	—	**GROUP 90—WATER SCOOP**											
47	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
48													
49													
50													
51	—	**GROUP 91—THROTTLE AND DRY PIPE**											
52	✓	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
53													
54													
55													
56													
57	—	**GROUP 99 — MISCELLANEOUS**											
58	—	Angles	LEG	LEG	WEIGHT PER FT.	FEET	INCH'S	MAKER	SECTION				
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													

ORDER _____

BARS, BILLETS AND FORGINGS

Purch. Order No.	ITEM	For One Engine	DESCRIPTION	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
	1		**GROUP 10—ASH PAN**					
	✓2	1	Ash Pan Dump Shaft - 1 3/4" DIA. x 75" LONG - SAWED ENDS.		3/24	3-25		
	3							
	4							
	5							
	6		**GROUP 11—AXLES**					
	7	—	Billets M. O.					
	8	—	Main—Driving					
	9	—	Front— "					
	10	—	Inter.— "					
	11	—	" — "					
	12	—	Back— "					
	13	—	Engine Truck					
	14	—	Trailing "					
	15	—	Tender "					
	16							
	17							
	18							
	✓19		Forgings Rough Turned Maker					
	✓20	1	Main—Driving 10" x 12" Journal	O.H. STEEL ANNEALED	~~Card~~ "	11M09 - REV. 1	A.S.T.M A-20-21	3/8
	✓21	1	Front— " 9" x 12" "	"	"	11M08	"	"
	✓22	1	Inter.— " 9" x 12" "	"	"	11M08	"	"
	✓23	—	" — " — x — "		"	—		
	✓24	1	Back— " 9" x 12" "	"	"	11M08	"	
	25	—	Engine Truck x "		"			
	26	—	Trailing " x "		"			
	✓27	4	Tender " 5½" x 10" "	SMOOTH FORGED BET. WHEEL FITS - UNANNEALED.	"	M01318A	A.S.T.M A-21-18	3/8
	28							
	29							
	30							
	31							
	32		**GROUPS 13 AND 14—BOILER AND DETAILS**					
	33	—	Mud Ring					
	✓34	1	Smoke Box Ring 2 5/8" ~~2½"~~ x ~~2 3/4"~~ x 257" long					3/8
	35	—	Tube Sheet Ring 2 5/8"					
	36							
	37							
	38							
	39							
	✓40	1	**GROUP 15—BOLTS AND NUTS** - SEE PAGE 13 - ITEM 48					3/8
	41							
	42							
	43							
	44		**GROUP 17—BOXES, TRUCK**					
	✓45	8	Tender Truck Box Wedge Drop Forged A.R.A. 5½"x10" Jour.					3/8
	46							
	47	—	**GROUP 18—BRACKETS**					
	48							
	49							
	50							
	51	—	**GROUPS 19 AND 20—BRAKES**					
	52							
	53							
	54							
	55							
	56		**GROUP 21—BUMPERS**					
	✓57	2	Front Bumper Step Brackets 3/4" x 5" x 32" Soft-Steel					3/8
	✓58	4	" " " " Hangers - 1" x 3" x 48" " "					"
	✓59	2	" " " " Brace - ½" x 2" x 33½" " "					"
	60	—	**GROUPS 22 AND 23—CAB AND DETAILS**					"
	✓61	2	Cab Ventilator Stiffener 3/8" x 3/4" x 50"					3/8
	62							
	63							
	64							
	65							
	66							
	67							
	68							

ORDER_____

BARS, BILLETS AND FORGINGS

ITEM	For One Engine	DESCRIPTION			SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 29—CRANK PINS**							
✓ 2		Billets	M. O.						
✓ 3	1	Main	Billet	9½" × 9½" × 1800# - SUFF. FOR 2 ENG. MED. CARBON	A.S.T.M A-17-21-A7		3/9	✓	
✓ 4		Front							
✓ 5		Intermediate							
✓ 6	1	"	Billet	6½" × 6½" × 1400# - SUFFIC. FOR 2 ENG 4	4		3/9	✓	
✓ 7		Back							
8									
9									
10									
11	—	Forgings Rough Turned Maker							
12	—	Main	Material	Card					
13	—	Front	"	"					
14	—	Intermediate	"	"					
15	—	"	"	"					
16	—	Back	"	"					
17									
18									
19									
20		**GROUP 30—CROSSHEAD**							
✓ 21	1	Crosshead Pin Billet	7" × 7" × 600# - SUFFIC. FOR 2 ENG.		A.S.T.M A-17-21-A7		3/9	✓	
22									
✓ 23	1	Cylinder lock shaft	1⅝" DIA. × 55½" long -	SAWED ENDS.		3/22	3-22		
24		**GROUP 37—DRAWGEAR**							
✓ 25	1	Drawbar	Billet -	4" × 11" × 550#	L.L.W. L-10A	4/8	4/8	✓	
✓ 26	1	Safety Bar	" -	4" × 11" × 550#	4	4	11	✓	
27									
28									
29		**GROUP 39—ECCENTRIC**							
✓ 30	1	Eccentric Crank	Billet -	4" × 11" × 825# SUFFIC. FOR 2 ENG. MED CAR.	A.S.T.M A-17-21-A7		4-21		
✓ 31	1	" Rod	Billet -	5" × 9" × 900# - SUFFK. FOR 2 ENG - MILD STEEL	A.S.T.M. A-17-21-A2		3/9	✓	
32									
33									
34	—	**GROUP 40-41—ENGINE AND TRAILING TRUCKS**							
35	—	Engine Truck Frame							
36									
37									
38									
39									
40		**GROUP 46-47—FRAMES & DETAILS**							
41	—	Frame Rail							
✓ 42	1	Pedestal Binder—Main	6" × 6" × 800#						
✓ 43	3	" " Others	6" × 6" × 750#				3/9	✓	
✓ 44	1	Brace Crosstie	1½" × 5" × 48" - Mild Steel	SAWED ENDS.			11	✓	
✓ 45	2	Furnace × tie clamps - Steel - ¾" × 7" × 15½"					11		
46							3/8		
47									
48		**GROUP 50—GUIDES**							
✓ 49	2	Guide Top	6" × 7" × 800#	MED. CARBON	A.S.T.M. A-17-21-A7		3/9	✓	
✓ 50	2	" Bottom	6" × 7" × 800#	4	4		4	✓	
✓ 51	1	" Yoke	2" × 12" × 103" - Univ. Mill - Draw End			3/17	3-18		
52									
53	—	**GROUP 52—GRATE DETAILS**							
54									
55									
56									
57									
58	—	**GROUP 53—HANDRAILS AND STEPS**							
59									
60									
61									
62		**GROUP 58—LINK MOTION**							
63	+	Link Radius Rod.	Billet						
64	—	Combining Lever	"						
✓ 65	1	Union Link	"	4½" × 8" × 425# - SUFFIC. FOR 2 ENG.	A.S.T.M A-17-21A2		3/9	✓	
66	—	Link	"						
67									
68									

ORDER_____

BARS, BILLETS AND FORGINGS

ITEM	For One Engine	DESCRIPTION				SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 62—PILOT**								
✓2	1	Oil Cup Holden Edge		$\frac{3}{8}$" Sq. × 56" long			3/30	3-31		
✓3	1	" " " Bracket		$\frac{1}{2}$" × 2" × 40"			"	"		
4										
5										
6										
7										
8	—	**GROUP 63-64—PIPING**								
9										
10										
11										
12		**GROUP 65—PISTON AND RODS**								
13	—	Rod Rough Turned Material		Card						
14	—	Maker								
✓15	1	Rod Billet, Steel	~~M. O.~~	$6\frac{1}{2}$" × $6\frac{1}{2}$" × 900#	MED. CARBON	A.S.T.M A-17-21-A7		3/8	✓	
16										
17										
18		**GROUP 69—REVERSE SHAFT**								
✓19	1	Reverse Shaft		4" DIA. × 105" – SAWED ENDS.	MILD STEEL		3/26	3-29		
20										
21										
22	—	**GROUP 71—RUNNING BOARD**								
23	—	Brackets								
24										
25										
26										
✓27		**GROUP 72—RODS**								
✓28		Billets, Steel	M. O.							
✓29	1	Front Rod—Side	Billet	5" × 14" × 1000#	MED CARBON	A.S.T.M A-17-21-A7		3/9	✓	
✓30	2	Intermediate "	"	6" × 18" × 1225#	"	"		"	✓	
✓31	—	Main "								
✓32	1	Back "	"	5" × 14" × 1000#	"	"		"	✓	
✓33	2	Main	"	7" × 11" × 1150#	"	"		"	✓	
34										
✓35	2	Rod Strap	"	6" × 7" × 575#	"	"			✓	
36		" "								
37										
✓38	1	Knuckle Pin	Billet	6" × 6" × 400#	SUFFIC. FOR 2 ENG	A.S.T.M A-17-21-A7		3/9	✓	
39										
40	—	**GROUP 75—SMOKE BOX**								
✓41	1 SET	Bar Iron.		46 FT- $\frac{1}{4}$" × 2"			3/20	3-31		
42										
43										
44										
45										
46		**GROUP 77—SPRING RIGGING**								
47	—	Driving Box Saddle								
48	—	" " "								
✓49	1	Cross Equalizer—Front		$1\frac{3}{4}$" × 10" × 48"	Mild Steel			3/9		
50	—	" " Back								
✓51	1	Side "	~~Front~~	Billet – .5" × 7" × 675#		A.S.T.M A-17-21-A2		3/9	✓	
✓52	2	" " Back		$1\frac{1}{4}$" × 9" × 39"	Mild Steel			"		
✓53	2	" " "		$1\frac{1}{4}$" × $7\frac{1}{2}$" × 39"	" "	"		"		
54	—	Spring Hanger								
55	—	" "								
56										
57	—	**GROUP 80—STOKER**								
58										
59										
60										
61										
62		**GROUP 81—SUPERHEATER**								
✓63	2	Header Support		$\frac{7}{8}$" × 11" × $13\frac{1}{2}$"	Steel			3/8		
64	—	" " Filler								
65										
66										
67										
68										

ORDER_____

BARS, BILLETS AND FORGINGS

ITEM	For One Engine	DESCRIPTION	SPEC.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 84—TENDER BRAKE**					
2							
3							
4							
5	—	**GROUP 85—TENDER FRAME**					
6							
7							
8							
9							
10							
11							
12	—	**GROUP 86—TENDER DRAWGEAR**					
13							
14							
15							
16	—	**GROUP 89—TENDER TRUCK**					
17							
18							
19							
20							
21	—	**GROUP 90—WATER SCOOP**					
22							
23							
24							
25							
26	—	**GROUP 91—THROTTLE AND DRY PIPE**					
27	—	Throttle Pipe Support					
28	—	Dry Pipe Support					
29							
30							
31							
32	—	**GROUP 92—TOOLS**					
33							
34							
35							
36							
37		**GROUP 94—VALVES, DISTRIBUTION**					
38	/	Valve Rod Crosshead Billet 5"×9"×500# - SUFF. FOR 2 ENG	A.S.T.M A-17-21 A2		3/9 ✓		
39	—	Valve Stem					
40							
41							
42							
43	—	**GROUP 99—MISCELLANEOUS**					
44							
45							
46							
47							
48	40 FT.	Engine Bolt Iron - $\frac{1}{2}$" DIA.			3/8		
49	50 FT	" " " - $\frac{5}{8}$" "			"		
50	50 FT	" " " - $\frac{3}{4}$" "			"		
51	125 FT.	" " " - $\frac{7}{8}$" "			"		
52	100 FT.	" " " - 1" "			"		
53	200 FT	" " " - $1\frac{1}{8}$" "			"		
54	200 FT.	" " " - $1\frac{1}{4}$" "			"		
55	175 FT.	" " " - $1\frac{3}{8}$" "			"		
56	20 FT.	" " " - $1\frac{1}{2}$" "			"		
57	50 FT.	" " " - $1\frac{5}{8}$" "			"		
58	7 FT	" " " - 2" "			"		
59							
60							
61							
62							
63							
64							
65							
66							
67							
68							

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 10—ASH PAN**				
✓ 2	—	Ash Pan				
3						
4						
5						
6		**GROUP 12—BELL AND DETAILS**				
✓ 7	1	Bell Ringer – Complete with Engineer Oper. Valve		3/8	Transportation Devices	
✓ 8		Pt. for approval		"	Corp.	
9						
10						
11						
12		**GROUPS 13 AND 14—BOILER AND DETAILS**				
✓ 13	230	Tubes 2" O.D. #11 B.W.G. Thick 15 Feet 1½ Inches Spec. A.S.T.M-A-83.24	3/3	3/8	Nat. Pube Co.	
✓ 14		Material Cot Drawn Seamless Steel Maker				
✓ 15	36	Flues 5½" O.D. #9 B.W.G. Thick 15 Feet 1½ Inches Spec. A.S.T.M-A-83-24	3/3	3/8	Nat. Pube Co	
✓ 16		Material Cot Drawn Seamless Steel Maker Card 142C9	"	"		
17	—	Combustion Tubes O.D. Thick Feet Inches. Spec.				
18	—	Material Maker				
✓ 19	3	Arch Tubes 3" O.D. #7 B.W.G. Thick 9 Feet 2 Inches. Spec. A.S.T.M A-83-24	3/3	3/8		
✓ 20		Material Seamless Steel Maker		"		
21	—	Stoker Flues O.D. Thick Feet Inches. Spec.				
22	—	Material Maker				
✓ 23	6	Huron Arch Tube Plugs to Ld. 662C92	3/18	3-20		
✓ 24	21	" Walnut " " " " 662B93	"	"		
25						
✓ 26	230	Tube Ferrules Annealed Copper 2" O.D. 1/16" Thick 5/8" Long		3/8		
✓ 27	36	Flue " " " 4 5/8" " 1/16" " 5/8" "		"		
28	—	Combustion " " " " " " "				
29	—	Stocker Flue " " " " " " "				
30	—	Arch Tube " " " " " " "				
31						
✓ 32	1 SET	Radial Stay Bolts 15/16" Dia. 680 Feet. Spec. A.S.T.M A-84-24 Maker – "Poncan"		3/8	United alloy Steel	
33		" " " " " " " "				
✓ 34	1 SET	Water Space " 7/8" " 450 " " " " " – "		"	" " "	
35		" " " " " " "				
✓ 36	~~1 SET~~	Hollow ~~With 3/16" Hole~~ " 7/8" " ~~63~~ " " See below. "		"	" " "	
37		" " " " " " "				
✓ 38	1 SET.	Flexible TATE " " 13 M.O. 102 " " " "Poncan"			Flannery	
✓ 39	26	Hollow Staybolts 7/8 dia ~~M.O.~~ × "7½" long With 1" 32 DIA. HOLE " A.S.T.M. A-84-24	3/15	3/16		
✓ 40	34	" " 7/8" " × 8½" " With 11" 32 DIA. HOLE " " "	"	"		
✓ 41	1 SET	Rivets Material Spec. A.S.T.M-A-31-24 Card 13M055		3/8		
✓ 42	24	Hollow "Staybolts 7/8" dia. "× 9" long With 1" 32 RIA. HOLE " Poncan A.S.T.M A8424	3/15	3/16		
✓ 43	8	" " " 7/8" " × 8" " " " " "	"	"		
✓ 44	90 FT.	Boiler Brace Iron 1½" DIA.		3/8		
✓ 45	48 "	" " " 1 3/4" "		"		
✓ 46	15 "	" " " 1⅛" "		"		
47						
48		**GROUP 15—BOLTS AND NUTS**				
✓ 49	1	~~Piece Feet~~ Steel Tubing 1 11/16" In. Dia. 2 1/8" O. Dia. × 7" long – REV. SHAFT ARM		3/8		
✓ 50	1	" " " 1 11/16" " " 2 1/8" " ×9" " – V. ROD. X HEAD		"		
✓ 51	1	" " " 1 11/16" " " 2 1/8" " ×6" " – " "		"		
✓ 52	1	" " " 1 11/16" " " 2 1/8" " × 7" " – GEAR REACH ROD		"		
✓ 53	1	" " " 1 7/16" " " 1 7/8" " × 2" " – POW. REV. " "		"		
54		**GROUP 16—BOXES—DRIVING**				
✓ 55	2	Grease Lubricator, Service Switching Maker – Franklin. Frame Pts.		"	Franklin	PR. 3/30
✓ 56		With Spreaders Card 163B83 466A7		"		"
✓ 57	6	Grease Lubricator" Switching - Maker-Franklin 466A13		"	Franklin	"
✓ 58		With Spreaders. Card. 163B82 Prints for Approval		"		"
59	—	Bearing Metal Pounds				
60	—	" " "				
61	—	Babbitt " "				
62						
63	—	Rivets, Copper Annealed Dia. Long Head				
64	—	" " " " " "				
✓ 65	1 Pc.	Steel Tubing – 1 13/16" I.D – 2 1/4" O.D × 18'-0" SPRING RIGGING	3/10	3/11		
✓ 66	1 "	" " 2 7/16" " 3" " × 2'-0" " "	"	"		
67						
68						

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 17—BOXES, TRUCK**				
2	—	Trailing Truck Box Lid Card				
3	—	Make and Style				
4						
✓ 5	8	Tender Truck Box Mc. Cord M. C. B. 5½" x 10" Journal		3/8		
✓ 6		For CAST STEEL SIDE FRAME Truck Omit, ~~Furnish~~, Dust Guards		4		PR. 3/4
✓ 7		with Lids — Bolts Maker. Print for Approv.		4		
8						
✓ 9	8	Tender Truck Box Bearing 5½" x 10" M. C. B.		3/8	Edna.	
10	—	" " " Lid Card				
11	—	Make and Style				
12						
13	—	Cellars—Special Maker Card				
14						
✓ 15	8	Dust Guards (Tender Truck) Maker 5½" x 10" Journal		3/8		
16		Prints for Approval.				
17	—	Bearing Metal Pounds		4		
18	—	" " "				
19	—	Babbitt " "				
20						
21						
22						
23		**GROUPS 19 AND 20—BRAKES**				
✓ 24	1 SET	Operating 19 M. O. 80 Maker	3/25	3/24	Westinghouse	
25						
✓ 26	1 SET	Foundation - SCH. WN-3-B.C ~~M. O.~~ Brake Cyl. 14"x10" - " A.B. 6a Pt. ~~547~~ 595		3/8	American	X 3/22
✓ 27		Brake Rhoes A.B.S.&F. 6a.				
28	—	Air Signal M. O. " Cts for Approval		11		
29						
✓ 30	2	AIR RESERVOIRS - 20½" DIA. x 102" Enameled - complete		3/8		
✓ 31		with ½" Drip Cocks. Standard Capping.		11		
✓ 32		To be given Hydrostatic Test.		3/11		
33						
34						
35		**GROUP 21—BUMPERS**				
✓ 36	1	Bumper—Kind Commonwealth Cast Steel ~~Card~~ 6a1.6a Pt. 11876E		3/8	Commonwealth	X 3/22
✓ 37		Print for Approval		11		
38						
39		**GROUP 22—CAB**				
40	—	Canvas—Roof Yards, No. Cotton Duck Wide				
41						
✓ 42	16	Glass—Double A-A 7½" x 13" SIDE WINDOWS		3/8		
✓ 43	2	" " " 14½" x 20" BACK "		11		
✓ 44	2	" " " 14⅞" x ~~10~~ 10¼" FRONT "		11		
✓ 45	2	" " " 6¼" x 11½" " "		4		
46						
✓ 47	1	Inspection Card Frame Complete with Glass Card 232A 30		3/6		
✓ 48	1	" " " " " " " 232A 29		4		
49						
50						
51						
52						
53		**GROUP 23—CAB DETAILS**				
✓ 54	1	Cab Seat ~~Cushion~~ Box - Van Dorn Pt. 28429 - 24½" long - ENG.	4/8	4/8	Van Dorn Iron Wks	
✓ 55	1	" " " " " " " " "	4	11	" " " "	
✓ 56	1	" " Cushion to Cd. 232A 418 - ENGR. - 24½" " - FIREMAN	4	11	" " " "	
✓ 57	1	" " ~~Hinge~~ " " 232B 418 - FIREMAN	4/15	4-21		
58	—	" Ventilator Hinge	4	11		
✓ 59	2	" Arm Rest Covering - Pantasote - 12" x 40"		3/8		
✓ 60	2	" Seat Back Rest to Cd. 232A 419				
61	—	" Curtain—Back, Card	4/15	4-24		
62	—	" " —Sides, "				
63						
✓ 64	1 SET	Cab Floor - Wood - 1¾" thick - Cut to suit Shop	3/25	3/24		
✓ 65	1 SET	" Furring Deck - " - 1½" " — " " "	"	11		
✓ 66	2	Storm Windows - Prime #801 for U.S.R.A. 0-8-0 type		3/8	Prime	
✓ 67		switch Engines - Dimension A 10"		11		
✓ 68		Ratchet Type Opener Print for Approval		11		

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	STYLE	SIZE	CARD	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 26-27—COCKS AND VALVES**							
3	—	Air Pump Steam Valve	Furnished with Brake						✓
4	—	Ash Pan Sprinkler Valve							
✓ 5	2	Air Pump line valves	Globe	1"		4/5	4-6	Nathan	✓
6	—	" " Operating Cock							
7	—	" " Cut-out Cock							
8									
✓ 9	1	Bell Ringer Valve	Globe	3/8"	WITH FIXED HANDLE CD. 262A5		3/8	Nathan	✓
10									
✓ 11	1	Blower Valve	Angle	1/4"	WITH FIXED HANDLE CD. 263A2		"	Nathan	✓
12									
✓ 13	1	" " Line.	Globe	1/4"	WITH FIXED HANDLE CD. 263B5		"	Nathan	✓
14									
✓ 15	1	Blow-Off Cock - FLANGED TYPE - Pt. G-11-D2		2"	Everlasting.		3/8		✓
16					Print for Approv.		"		
17	—	" " "							
18									
19	—	Cylinder Cock							
✓ 20	2	" Vacuum Valve Valve	Globe	1"	INLET & OUTLET 1" PIPE TAP		"	Nathan	✓
21		" "							
22									
✓ 23	1	Coal Sprinkler Valve FIXED HANDLE Cd. 262B6	Globe	1/2"	INLET & OUTLET 1/2" PIPE TAP		"	Nathan	✓
24		" " "							
25									
✓ 26	1	Dynamo Valve	Angle	1/2"	Cd. 262A28	3/30	3-31	Nathan	✓
27									
✓ 28	1	Drain Cocks - BLOWER			Cd. 262A16	3/24	3-25		✓
29		" "							
30		" "							
31		" "							
32		" "							
33	—	Fire Door Valve							
34	—	" " "							
35	—	Gauge Cocks							
36									
37									
38	—	Injector Steam							
39									
✓ 40	1	~~White Valve Handle~~			~~Cd. 262B-120~~	~~4/21~~	~~4-22~~		
41									
42	—	Intercepting Valve							
✓ 43	1	Lubricator Heater Valve - MECH. LUB.	Globe	3/8"	INLET & OUTLET 3/8" IRON PIPE	4/8	4/8	Nathan	✓
44									
✓ 45	1	Lubricator Steam - Turret - BULLETIN #12 PAGE 16	Angle	3/4"	INLET - 3/4" PIPE THD. OUTLET - 3/4" O.D. COP.	4/8	4/8	Nathan	✓
46									
47	—	Oil Burner Steam Valve							
48	—	" " Feed Cock							
49	—	" " Check Valve							
50	—	" " Heater Valve							
51	—	" " Feed Valve							
52									
53									
✓ 54	1	Power Reverse—Turret	Angle	3/4"	FIXED HANDLE CD. 262A7	3/30	3-31	Nathan	✓
55									
✓ 56	1	" " Line	Globe	3/4"	FIXED HANDLE CD. 263A4	"	3-31	Nathan	✓
✓ 57	1	" " Cut-out Cock -		3/4"	W.A.B. Pc. 2233	"	"	Westinghouse	✓
58	+	" " 3-Way						Nathan	
✓ 59	1	" " Horizontal Check		3/4"	#72	3/30	3-31	Crane	✓
60	—	Separate Exhaust Cock							
61	—	Smoke Consumer—Turret							
62	—	" " Line							
63									
64	—	Steam Chest Valve							
65	2	" " Check Valves	Globe	1"					
66									
67									
68		(GROUP 26-27---Continued Next Page)							

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	STYLE	SIZE	CARD	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 26-27—COCKS AND VALVES (Continued)**							
2	—	Steam Brake Valve							
3									
4									
5									
6	1	Steam Gauge Cock Powell			Cod. 262A4		3/8		✓
7									
8	—	Stoker Valve—Turret							
9									
10	—	Stoker Valve —Line							
11									
12	—	Stoker Valve —Line							
13									
14	—	" " "							
15									
16	—	" " "							
17									
18	—	" " Exhaust							
19									
20	—	" " "							
21	1	Sprinkler Valve	Globe	3/4"		4/4	4-21	Nathan	
22									
23	1	Syphon Valve	Globe	1 1/2"		4/2	4/3	Nathan	
24	1	Water Column Type W.O.A. with Nathan #272-5-1581 Gauge					3/8	Nathan	
25		Cocks cast integral, Complete with Dripper - Omit Drain					"		
26		Valve.					"		
27	1	Water Gauge—Kind - Nathan Reflex Type L #3					"	Nathan	
28		Complete with top and bottom fittings for application					"		
29		to W.O.A. Water Column. Omit drain Valves.					"		
30							"		
31							"		
32	1	Water Gauge DRAIN Valve	INLET + OUTLET 3/8" PIPE TAP	Globe	3/8"		"	O'Malley Beare	
33	1	" Column Drain Valve	INLET + OUTLET 3/4" PIPE TAP	"	3/4"	" "	"	" "	
34	—	Water Gauge Glass							
35									
36	—	Water Gauge Gaskets							
37									
38	—	Water Gauge Guard							
39									
40	—	Water Gauge Guard Glass							
41									
42									
43	—	Water Scoop Valve							
44									
45	—	Water Scoop Heater Valve							
46									
47	—	Water Scoop Cut-Out Cock							
48									
49	—	Water Scoop Operating Cock							
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
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61									
62									
63									
64									
65									
66									
67									
68									

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 28—COCK RIGGING**				
2	—	Cyl. Cock Operating Cylinder				
3						
4						
5						
6		**GROUP 30—CROSSHEADS**				
✓ 7	2	Keys—~~Spring Steel~~ Chrome Vanad. 1¼" × 5 1/16" × 13" Fin. Sizes.	3/25	3/24		
8	—	Shoes				
9						
10		Bearing Metal Pounds				
11						
12		Rivets, Copper Dia. Long Head				
13						
14						
15						
16		**GROUPS 31 AND 32—CYLINDER AND DETAILS**				
✓ 17	2	Cylinder Bushing - Hunts Spiller Patt. No. H.S. 6251 Length 40"	3/10	3/11		
18						
19	—	Steam Chest Bushing Patt. No. Length				
20	—	**GROUP 33—CYLINDER, COMPOUND ATTACHMENTS**				
21	—	Intercepting Valve Card				
22		"				
23	—	" " I.D. Merchant Pipe, No. Threads Feet Inches				
24	—	" " " " " " " " "				
25						
26	—	Copper Rivets Diameter Long Heads				
27						
28	—	Packing				
29	—	"				
30						
31	—	Bronze Wire Diameter Feet Inches				
32						
33	—	Copper Tube Gasket O. D. B.W.G. Feet Inches				
34						
35						
36	—	**GROUP 34—BY-PASS AND RELIEF VALVES**				
37	—	Relief Valve, Cylinder Card				
38	—	" " , Steam Chest "				
39	—	Vacuum Valve, Cylinder "				
40	—	" " , Steam Chest "				
41						
42	—	Cylinder Head Relief Valve, Set at Lbs. Mall. Iron Body Card				
43	—	" " " " " " " " " " "				
44						
45	—	By-Pass Valve Cast Iron Body Card				
46						
47						
48		**GROUP 36—DOME**				
✓ 49	1 Pc	Copper Wire Gasket ¼" Diameter 7 Feet 1 Inches		3/8		
50						
51						
52		**GROUP 37—DRAWGEAR, ENGINE**				
✓ 53	1	Buffer ~~Card~~ Radial - Type D - To Suit U.S.R.A. 0-80 Type		3/8	Franklin	
✓ 54		Switch Engines - Maker Pt. for approval		"		
✓ 55	1	Coupler ~~Card~~ A.R.A. N. M. C. Co. Pt. 13786 H. - 6" × 8" Shank.		"	Nat. M. Cast Co.	
✓ 56		Uncoup. Chain N.M.C. Pt. 12319F Maker Pt. for Appror.		"		
✓ 57	1	Coupler Pocket Card Extended Floor Pt. 15349C Type - Complete with		"	Nat. Malle. Cast Co.	
✓ 58		Washers and Pin for U.S.R.A. 0-8-0 Type Maker Pt. for appror.		"		
59	—	Uncoupling Device				
60						
61		Safety Chain				
62	—	**GROUPS 40 AND 41—ENGINE AND TRAILING TRUCKS**				
63	—	Engine Truck—Kind				
64						
65						
66	—	Trailing Truck—Kind				
67						
68						

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 44—EXHAUST PIPE**				
2	—	Copper Rivets Dia. Long Head				
3						
4	—	Exhaust Pipe I.D. Merchant Iron, No. Threads Ft. Inches				
5						
6	2	Ecc. Lock Washers ⅛ × ⅜" Steel for ¾" bolt.	4/8	4/8	Pos. Lock Washer Co	
7	—	Emergency Exhaust I.D. Merchant Iron, No. Threads Ft. Inches				
8	—	" " " " " " " " "				
9	—	" " " " " " " " "				
10	—	" " Pipe Elbow Trade Elbow				
11						
12	—	Expansion Sleeve, Hard Brass Pipe O.D. I.D. Ft. Inches				
13						
14	—	Elbow Casing				
15						
16	—	Packing, Ball Joint				
17	—	" , Expansion Sleeve				
18						
19						
20		**GROUP 45—FIRE DOOR AND FIRE BRICK**				
21	1	Fire Door—Kind Butterfly #8 Maker	3/8	Franklin		X-3/5
22		Franklin Pts. 16734 B & 16732 C Pts for approv.	"			
23						
24		License Plate				
25						
26	1 SET	Fire Brick, Card to Cd. 454A6 A.A.Co. 9922 Pt. for approval.	3/8	Amer. Arch Co.		X-3/19
27	—	" " "				
28	—	" " "				
29	—	" " "				
30	—	" " "				
31						
32						
33						
34						
35	—	Smoke Consumer				
36						
37						
38						
39	—	**GROUPS 46 AND 47—FRAME AND DETAILS**				
40	—	Frame Cradle				
41						
42	—	Shoes				
43	—	Wedges				
44	12	Furnace X tie Wear Plate Rivets - Csk - ⅜ DIA × 1¾ long - Button Head.	3/8			
45		**GROUPS 51 AND 52—GRATE AND DETAILS**				
46	—	Grate Shaker				
47						
48						
49	1 SET	Hand Rail Pipe - 1" Std. Steel Pipe - 54'-0"	3/26	3-29		
50		**GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.**				
51	2	Headlight Pyle National #20C-145 - cast iron case Pt. for approval		3-9	Pyle	
52						
53	1 SET	Electric Equipment to 54M091	3/26	3-29		
54						
55	1	Generator Pyle National Pyle K-2		3/8	Pyle	
56						
57						
58	1	Steam Gauge Lamp, Card LCG-65 Maker Pyle Nat.		3/8		
59	1	Deck " FLD-2 " " (PRINTS FOR APPROV)	3/10	3/11		
60	—	Water Gauge Lamp, " " "				
61	1	Engineers " ELSC22S " "	3/10	3/11		
62	—	Lubricator " " "				
63	—	Signal Lamp " "				
64	—	Classification Lamp " "				
65	—	Marker " " "				
66						
67						
68						

ORDER_____

SPECIALTIES AND MISCELLANEOUS

Purch. Order No.	ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
	1		**GROUP 55—INJECTOR AND FEED WATER**				
	✓2	1	Injector, Right—Maker Ohio Boiler Pressure 175 Lbs.		3/8	Ohio wrote 3/5	
	✓3		Size #10 Type Lifting Location O.S. of Cab		11		
	✓4		Pipes 2¼" cop. Steam 2" iron Suction 2" iron Delivery		11		
	✓5		Steel Bronze Coup. Nuts on St. Pipe - Del. Pipe - Feed Pipe PTS. FOR APPROV		11		
	✓6	1	Injector, Left—Maker Ohio Boiler Pressure 175 Lbs.		4	Ohio wrote 3/5	
	✓7		Size #10 Type Lifting Location O.S. of Cab		11		
	✓8		Pipes 2¼" cop. Steam 2" iron Suction 2" iron Delivery		4		
	✓9		Steel Bronze Coup. Nuts on St. Pipe - Del. Pipe - Feed pipe		4		
	✓10	2	Injector Check, Size to suit #10 Injectors Make COMBINED STOP + CHECK		4	Ohio - wrote 3/5	
	✓11		Steel Bronze Coup Nuts on Feed Pipe conn. INLET FLANGED CONN. PTS. FOR APPROV.		11		
	✓12		" " Size Make				
	13						
	14	—	Injector Line Check Maker				
	15	—	" " " "				
	✓16	2	" Steam Valve Angle " for 2¼" cop. pipe outlet PTS. FOR APPROV.		3/8	Nathan	
	✓17		~~Steel Bronze Coup Nuts.~~ 2½" Pipe Thread Male Inlet.		11		
	18						
	✓19	2	Feed Pipe Strainer ~~#3~~ Maker for 2½" iron pipe Outlet and 4" dia		3/14	Sellers.	
	✓20		Shs. Inlet. Steel Bronze Hose Nut suitable for 3" hose		11		
3/5	✓21		Swivel - Swivel furnished by Emia Loco. Works - PTS. FOR APPROV.		4		
	22		SELLERS PT. #32198				
	23						
	✓24	1	Injector Check Stand - "Edna" - C. C. & Y. Sta. Edna Pt. C-1153 4½ 4-6			Edna.	X 3/22
	✓25		Dimensions as noted on print returned to Edna Brass Co " "				
-3/19	26						
	27						
	28		**GROUP 57—LAGGING AND JACKET**				
	29	—	Asbestos Cement Bags				
	✓30	1 SET	Boiler Lagging 85% Mag. Sectional, To Card 572A9		3/8	Johns Manville	
	31		" " " " "				
	32						
	33	—	Cylinder Lagging x x Long				
	34	—	" " x x "				
	35	—	" Head Lagging Card				
	36	—	" " " "				
	37						
	38		Pipe Covering—Engine Inch Pipe				
	39		" " Tender " "				
	40						
	41	—	Receiver Pipe Lagging				
	42						
	43	—	Steam Chest Cover Lagging Card				
	44	—	" " " " "				
	45	—	" " Lagging x x Long				
	46		Cyn. Lagg Handles				
	47						
	48						
	49						
	50						
	51						
	52						
	53						
	54		**GROUP 58—LINK MOTION**				
	✓55	1 SET	Baker Valve Gear with approx. 6¾" travel. Gear as		3/8		
	✓56		furnished on U.S.R.A. - 0-8-0 type switchers		11		
	✓57		Print for Approval		11		
	58						
	59						
	60						
	61						
	62						
	63						
	64						
	65						
	66						
	67						
	68						

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
✓ 1		**GROUP 59—OIL CUPS AND LUBRICATOR**				
✓ 2	1	Lubricator Maker – Nathan - Type 166 - #8 Style Bull's Eye } PRINT FOR APPROV.		3-9	Nathan	
✓ 3		One Feed Blank – No. 2 Feed - 2 Pint Boiler Pressure 175 # }				
✓ 4		Bore $\frac{3}{4}$" COP. For Steam — For Cylinders $\frac{1}{2}$" COP. For Air Pump				
✓ 5	1	Force Feed Lubricator - Edna - 8 Pint - With ~~all but~~ 2 Feeds		3-9	Edna.	X $\frac{3}{22}$ 1/19
✓ 6		~~blanks~~ Pt. A-1148 Print for approval				
7						
8	—	Lubricator—Steam Brake Card				
9	—	" Graphite "				
10	—	Hand Oiler Card				
✓ 11	2	Throttle Rod Compression Grease Cups $\frac{1}{4}$" P.T. Male Thread	3/19	3-20		
12	—	Oil Cups				
13	—	Air Pump Card				
✓ 14	2	Crosshead Oil Cup Wicking - Natural Color #10 W-2 Ply - CO. 592A335	3/19	3-20		
15	—	Bell Ringer Card				
16	—	Boiler Bearing "				
17	—	Brake Cylinder "				
18	—	" Fulcrum "				
19		"				
20	—	Centering Device Card				
✓ 21	2	Crosshead Oil Cup Balls $\frac{1}{2}$" DIA. "	3/19	3-20		
22	—	Crosstie "				
23		"				
24	—	Eccentric Card				
25	—	" "				
26	—	Engine Truck "				
27		Flange Oiler "				
✓ 28	2	Guide – Edna - Shoulder threaded 1-12 THDS Card D-1978 Pt for approv.		3/8	Edna	X $\frac{3}{25}$
29		"				
30	—	Link Card				
31	—	" Lifter "				
32		"				
33	—	Piston Rod Card				
34	—	" " Extension "				
35		"				
36	—	Reverse Shaft Card				
37	—	Rocker "				
38	—	Rod, Side "				
39	—	" , " "				
40	—	" , " "				
41	—	" , Main "				
42		"				
43	—	Transmission Bar Card				
44	—	" " Hanger "				
45		"				
46	—	Valve Stem Card				
✓ 47	4	" " Guide - Edna - Shoulder threaded "$\frac{3}{4}$"-12 thds D-2248		3/8	Edna	X $\frac{3}{31}$
✓ 48		Similar to Cat. 592A33 - Shoulder Drilled "to suit Cat. 592A9		11		
✓ 49	—	Spring Steel Oil Cups " Print for approv.				
50						
51						
52						
53						
54						
55	—	**GROUP 60—OIL BURNING ATTACHMENTS**				
56	—	Burner				
57						
58	—	Heater Pipe, Extra Heavy Iron Dia. Long				
59						
60						
61		**GROUP 61—PAINTING**				
✓ 62		Paints & Varnish - Sherwin - Williams - Amt to suit Shop		3/8		
63						
64						
65						
66						
67						
68						

ORDER _____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION					Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUPS 63 AND 64—PIPE AND FITTINGS**								
2	—	Flexible Joints or Hose Between Engine and Tender								
✓ 3	1 SET	Train Line — Maker Barco 642C2 Size 1¼"					4/8	4/8	Barco	
✓ 4	1 SET	Independent " " 642B2 " ¾"					"	"	"	
5	—	Signal "								
6	—	Steam Heat "								
7	—	Oil "								
8	—	" Heater "								
9	—	Sprinkler "								
10	—	Booster "								
11	—	Water Scoop "								
12										
13										
14		Copper Tubes	O. D.	THICK	LENGTH					
✓ 15	1	Oil Pipe — Air Pump	½"	#14 B.W.G.	15'-0"	annealed (IN ONE PIECE)		3/8		
16		" "								
✓ 17	2	" " boyl-	½"	#14 B.W.G.	26'-0"	annealed - (IN ONE PIECE)		3/8		
18		" "								
✓ 19	1	Lubricator Steam	¾"	#13 B.W.G.	6'-0"					
✓ 20	1	" + Short-Ends	½"	#14 B.W.G.	30'-0"	annealed		3/8		
21	—	Bell Ringer								
22	—	Booster								
✓ 23	1	Air Brake GOV.	⅜"	#16 B.W.G.	30'-0"	annealed		3/8		
✓ 24	1	" " IND. BRAKE + DIS. VALVE	½"	#14 "	22'-0"	"		"		
✓ 25	1	" " MISCELL.	⅜"	#16 "	14'-0"	"		"		
26	—	Cocks and Valves								
✓ 27	1	Mech. Lubricator	½"	#14 "	15'-0"	"	4/8	4/8		
✓ 28	2	Injector Steam	2¼"	#11 B.W.G.	~~20~~ 4'-0"	Hard.	4/8	"		
29	—	" Delivery								
30	—	" Overflow								
✓ 31	1	Water Column	1½"	#12 B.W.G.	6'-0"	Hard		3/8		
32	—	Sander								
✓ 33	1	Water Gauge.	11/16"	#13 B.W.G.	5'-0"	annealed		3/8		
✓ 34	1	Damper Cyl.	5/8"	#14 "	4'-0"	"		"		
✓ 35	1	Gauges and Drips	⅜"	#16 B.W.G.	30'-0"	annealed		"		
36										
37										
38		Cab Turret Pipe Elbow								
✓ 39	1	Barco Elbow Blower Fitting Cat. 632A18 - 1¼"						3-83		
40		Bushing								
41		"								
42		"								
43		Coupling								
44		"								
✓ 45	1	Cab Turret Dry Pipe - 3½" Ex. Heavy Nat. Iron - 13'-6" long.						3/8		
46		"								
47		Elbow								
✓ 48	1	Air Brake Fitting complete - W. A. B. Co. 67247					4/12	4-13	WAB Co	
✓ 49	2	4" " " " " " 67003					"	"	"	
✓ 50	3	" " " " " " 67001					"	"	"	
51		Plug								
52		"								
53		"								
54		Return Bend								
55		" "								
56		" "								
57		Street Ell								
58		" "								
59		" "								
60		Tee								
✓ 61	1 SET	Air Gauge Doub. compress. couplings to Cat. 632A28						3/8		
✓ 62	1 "	" " " " " " " 632B28						"		
✓ 63	1 "	Air Pump air cyl. Doub. compress " " " 632A28						"		
64		Union								
65		"								
66		"								
67										
68										

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUPS 63 AND 64—PIPE AND FITTINGS—Continued**				
2		Union Ell				
3		" "				
4		" "				
✓ 5	1	" Nipple Pet Crane 2" #596 - Air Pump Strainer		3/8		
6		" "				
7		" " Ell				
8		" " "				
9		" Tee				
10		" "				
11		"Y" "				
12		" "				
13		Brass Pipe Fittings				
14						
15	—	Steam Heat Apparatus Complete for Engine and Tender				
16	—	Maker				
17						
18	—	Reducing Valve Inlet Size Outlet Size				
19						
20	—	Steam Heat Gauge Inch Dial Graduated to Lbs. Case				
21						
22						
✓ 23	1	Cold Water Sprinkler Edna #1922 Type Pt. for Appov.		3/8	Edna	RR 3/4
24						
✓25		**GROUP 65—PISTON AND RODS**				
✓ 26	1 SET (2)	Rod Packing, Metallic Maker U.S. Knig "Type.		3/8	U.S. Met. Pkg Co.	
✓ 27		Rod Dia. 4½" Stuffing Box Cd. 652 B3 Oil Cup Shank 3/4 Dia. 14 Threads		"		
✓28		Ct. for Approval		"		
29	—	Bull Rings Patt. No. —		"		
✓30	2 SETS	Packing Ring (2 RINGS PER SET) Loco. Finished Material Co's Universal		3/8	Loco. Fin. Mat. Co	X 3/16
✓31	—	" " ~~Springs~~ Packing Rings to suit conditions shown on		"		
✓32		Piston Dr. 653C7 PT. FOR APPROV.		"		
33		**GROUP 68—REVERSE LEVER**				
✓34	1	Power Reverse Alco Type E - Fig. #2 Complete with		"	Amer. Loco Co	
✓ 35		reverse lever, reach rod jaws and Lubricator -		"		
✓ 36		Reverse Lever Style #1 PTS. FOR APPROV.		"		
37						
38		**GROUP 69—REVERSE SHAFT**				
✓39	1	Reach Rod Pipe, 1" Extra Heavy Iron, No. Threads, Length 12'-6"	3/10	3/11		
40						
✓41	8	boun. Rod Pos. Lock Washers 1" bolt. ½" × 3/16" Steel	3/12	3-13	Ros. Lock Washer Co.	
✓42		**GROUP 73—SAND BOX**				
✓43	2 SET (4)	Air Sander—Kind Knig Type complete with operating		3/8	U.S. M. P. Co	
✓44		Valve.				
45		Print for Approval		"		
46		**GROUP 75—SMOKE BOX**		"		
✓47	1 SET	Smoke Box Front Hinges - Okadee Pt Okadee Pts. 3055-3056-3145				
✓48		3146 - 3309-3310 - 3587- Pts for Approval.		3/8	Okadee Co	
✓49	1 Pc.	Magara Chain - 30" long - Smk. Box Clean Hole.				
50		**GROUP 76—SPRINGS**	3/17	3-18		
51	—	Buffer				
52						
53		Cab Seat				
54						
55	—	Chafing				
56	—	Coupler Side				
✓57	6	Driving F.I.+M- to Card # 762A14 "Uloy" Chrome Vanad. Steel	3/6	3/8	~~RY. STEEL SPG. CO~~ Hunter Alloy St. Co.	
✓58	2	" B- " " # 762B14 " " " "	3/6	"	" " "	
✓59		" Complete with clips.				
60						
61	—	Draft				
62	—	Engine Truck				
63	—	Trailing "				
64	—	" " Centering				
✓65	4	Tender Truck to Card 762P17 "Uloy" Chrome Vanad Steel	3/6	3/8	~~RY. STEEL SPG. CO.~~ Hunter Alloy St. Co	
66	—	" " complete with clips				
✓67	2	Rev. Shaft Counterbalance Spring Dr. 692A22	3/10	3/11		
68						

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
✓1		**GROUP 78—STEAM GAUGE, SAFETY VALVE AND TURRET**				
✓2	1	Steam Gauge, Maker Ashton - Brass - 6¾" Inch Dial		3/8		
✓3		Graduated to 400 Lbs. Case Brass		11		
4						
5		Safety Valves, Maker Ashton M-11-28				
✓6	1	Size 3" Style Muffled MM30 Set at 175 Lbs.		3/8		
✓7	1	" 3" " Open MM28 " " 178 "		11		
✓8	1	" 3" " open MM28 " " 180 "		11		
9		Pt. for Approval.		11		
10	—	No. and Size of Bushing Thread				
11	—	Safety Valve Bushing (Order with Safety Valves) Card				
✓12	1	Throttle Safety Valve - Form H-1" Set to 190#	3/22	3-22	Consolidated	
✓13	1	Ohio Low Water Alarm - Distance bet. Crown + Pap. 23¾"		3/8	Ohio	
✓14	—	**GROUP 80—STOKER** Prints for Approval		11		
15	—	Make				
16						
17						
18						
19						
20						
21						
22		**GROUP 81—SUPERHEATER**				
✓23	1 SET	Asbestos Rope ⅞" Dia. 35 FT. Length Prints for approval.	3/3	3/8	The Sup. Co	
✓24	1	Superheater Header - 36 Unit - 9 WIDE - 4 DEEP - Sup. Co. Pt. 3L-11120	3/3	11		
✓25	1 SET	Superheater Tubes to 81 M.O. 2 Spec. A.S.T.M-A.83-24	"	11		
✓26		Seamless Steel - 1½" O.D. #9 B.W.G.	3/23	3-24	Sup Co.	
✓27	72	Super. Pipe Washers to Co. 812 A 106	3/3	3/8		
✓28	36	Superheater Tube Bands to Co. 812 A 85	"	11		
✓29	72	" " Supports " " 812 A 84	3/3	11	The Sup. Co.	
✓30	~~X~~	Damper Cylinder ~~to Sup. Co. Pt. 4L-11436 A~~	3/3	11		
✓31	1	Coal Sprinkler Hose ¾" I.D. 3 Ply - 6'-0"	11	11		
32		**GROUP 82—TANK VALVES**				
✓33	2	Hose, Suction 3" I.D. Ply 4 Feet ~~0~~ 6 Inches with 6" plain ends		3-20		
34						
✓35	4	Hose Clamps to suit item 33 - Size furn. by store room		3-20		
36	—	" "				
37		Tank Valve				
✓38	2	Strainer—Copper 8½" x 13" x #18 B.W.G. PERFORATION ⅛" DIA - 3/16" PITCH. Card	4/22	4-23		
39						
40	—	Syphon				
41						
42		**GROUP 84—TENDER BRAKE**				
✓43	2R 2L	Brake Beams - Huntoon - 18000# Capacity Pt. for Approval		3/8		RR 3/10
✓44		A.R.A. Heads 60" Centers		11		
✓45		Inside ~~Outside~~ Hung From Rail to Center of Shoe About 13" Inches		11		
✓46	8	Brake Shoes, Maker A.B.S. & F. Co. Style - a.c. & y. Std.		11		
✓47		For 33" Wheels, to Fit A.R.A. Heads		11		
48						
49	—	Brake Shoe Keys Card				
50	—	Chain, Hand Brake				
51	—	Safety Chain				
52	—	Spring Steel				
53						
54						
55		**GROUP 85—TENDER FRAME**				
✓56	1	Frame, Cast Steel Commonwealth to Co. Co. Pt. #11850 mod-	3/12	3-13	Commonwealth	
✓57		ified as per our letter of Mar. 12- Pt for Appr.	"	"		
58	—	Bumper Front				
59	—	" Back				
60						
✓61	16	Flooring To Fin. 1¾" x 10" x 9'-2"	4/8	4/8		
62		" x x				
63		" x x				
64	—	Center Bearing				
65	—	Side "				
66						
67						
68						

SPECIALTIES AND MISCELLANEOUS

ORDER_____

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 86—TENDER DRAWGEAR**				
✓2	1	Coupler A. R. A. Type D-6"×8" Shank-11" Knuckle to N.M.C. Pt. 15418C UNCOUP. CHAIN TO PT. 12319F		3/8	Nat. M. C. Co.	
✓3	—	" Pocket Card Pt. for approv.		"		
✓4	1	Drawgear Bradford Rocker Type Pt. for approv.		"		
✓5	1	Coupler Yoke Cast Steel - Ohio steel Pt. B-288 Pt for approv.	3/19	3-20		R.R. 3/19
✓5	6					R.R. 3/19
6	7					
7	8	**GROUP 87—TENDER DECK AND TOOL BOX**				
✓9	4	Tool ~~Box~~ closet Hinge 8" Ex. Heavy Strap	4/8	4/8		
✓10	2	" " Hasp 6"	"	"		
10	11					
11	12					
12	13	**GROUP 88—TENDER TANK**				
✓14	8	Hinges, Coal Gate - 12" Ex. Heavy Pee	4/8	4/8		
14	15	" , Tank Filling Hole				
15	16					
16	17	Drain Pipe, I.D. Merchant Pipe, No. Threads Feet Inches				
17	18					
18	19	Pipe Flange Inch Dia. of Flange Bolts Dia. on Circle				
19	20	— Coal Pusher				
20	21	— Strainers, Make				
21	22	Card				
22	23					
✓23	24					
24	25					
✓25	26					
✓26	27					
✓27	28	**GROUP 89—TENDER TRUCK**				
✓28	29	— Trucks, Complete -				
29	30	Card				
✓30	✓31	4 Truck Side Frames Andrews-Pitts. & Fdry Pt. ~~Card~~ #20654 P.T. For APPROV.	3/12	3-13		X 3/19
✓31	✓32	2 " Bolster " " " " " ~~20554C~~ 21258 "	"	"		RR 3/19
✓32	33	Safety Chain		"		
33	34					
✓34	35	— Nut Locks, Kind For Bolt, To Fit Over Bar				
✓35	36	— " " " " " " " " "				
✓36	37					
37	✓38	4 Side Bearing - Stucki #178				
38	39	Card	3/17	3-18		X 3/19
✓39	40					
40	41					
✓41	42	— **GROUP 90—WATER SCOOP**				
✓42	43					
✓43	44					
✓44	45					
45	46					
46	47					
✓47	48	**GROUP 91—THROTTLE AND DRY PIPE**				
✓48	49	— Brass Tube—Hard Brazing Quality, O.D. I.D. Long, (Throttle Rod)				
✓49	50	— Copper Ferrules, (Seamless Annealed) O.D. I.D. " (Dry Pipe)				
50	✓51	3 FT. Dome Shut-off Valve Gasket - 1/8" copper wire.				
51	52	— Copper Rivets (Annealed) Dia. Long Head (Dry Pipe)	3/24	3-25		
52	53					
53	✓54	1 Dry Pipe (Lap Welded ~~Iron~~ STEEL) 8" O.D. 1/4" Thick 9 Feet 2 Inches	3/10	3/11		
54	55					
55	✓56	1 SET ~~Throttle Rod~~ DOME SHUT-OFF VALVE Packing, Kind Johns Manville to suits				
56	✓57	— Rod Dia. Stuffing Box Card 363A15	3/24			
✓57	58					
✓58	✓59	1 Throttle Valve Chamber ~~Back Head~~ Smoke Box Type Complete ~~for Std.~~		3/18		
✓59	✓60	~~R. A. Loco. 0-8-0 Type -~~		"		
✓60	✓61	~~Stuffing Box arranged for Dutton Bacon Packing Sleeve~~		"		
✓61	✓62	~~Pts for approval.~~ To following Prints:		"		
✓62	✓63	General assembly D-1-445-1 } Inlet & Outlet 6½" DIA.				
✓63	✓64	Head FE-1-364 }				
✓64	✓65	Lever SD-1-345				
✓65	✓66	Throttle as furnished on CD. 1086 Prints for Approv.				
✓66	✓67	Manfd by Bradford				
✓67	68					

ORDER_____

SPECIALTIES AND MISCELLANEOUS

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	.	**GROUP 92—TOOLS** Ld. 923A2				
✓2	1 SET	Tools to Card Ld. ~~923A2~~ 922A190 ~~HOLD~~	3/10	3/10		
3						
4		Axe				
5		Bell Rope				
6		Broom				
7		Coal Pick				
8		Flags				
9		"				
10		Grease Bucket				
11		Hammer—Machinist				
12		" Soft				
13		"				
14		Handsaw				
15		Jack				
16		Lock				
17		Oil Can				
18		" "				
19		" "				
20		" "				
✓21	1	Push Pole, ~~Oak~~ FIR- to Ld. 852C50 - Without handle or tupfts.	4/24	4-22		
22		Scoop Shovel				
23		Torpedoes				
24		Torch				
25		Waste				
26		Wicking				
27		Wrecking Frog				
28		" Chain				
29						
30		Wrenches, Alligator				
31		" Monkey				
32		"				
33		"				
34		"				
35						
36						
37						
38						
39						
40						
✓41		**GROUP 94—VALVES, DISTRIBUTION**				
✓42	1 SET (2)	Valve Stem Packing, Metallic Maker U.S. Krug Type		3/8	U.S. Met Pkg Co.	
✓43		Rod Dia. 2" Stuffing Box Card 942A9 Oil Cup Shank 3/4" Dia. 14 Threads		"		
✓44		" " " " " " " " Pt. for approx.		"		
45						
✓46	2	Distributing Valve, Type Piston - Complete to Ld. 943A39	3/30	3.31		
✓47		Packing rings - Hunts Spiller	"	"		
✓48		Spool & Bull Ring - Cast Iron	"	"		
✓49		Followers - Cast Steel	"	"		
50						
✓51	2	Valve Rod Oil Cup Brackets Ld. 592C10		3/8	U.S Met Pkg Co	
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						

SPECIALTIES AND MISCELLANEOUS

ORDER

ITEM	ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
	1		**GROUP 95—WHEELS**				
1	✓2	8	Tires—Driving Flanged to 95 M. O. 108 A.S.T.M-A-26-16	3/12	3-13	Edgewater	
2	✓3						
3	✓4	—	" " " " M. O.				
4	✓5						
✓5	6	—	" " Plain " M. O.				
6	7						
7	8						
8	✓9						
9	✓10						
10	11	—	Retaining Ring Card				
11	12	—	" " "				
12	13						
13	✓14						
14	15	—	Tires—Engine Truck To M. O.				
15	16						
16	17						
17	18	—	Tires—Trailing Truck To M. O.				
18	19						
19	20						
20	21	—	Tires—Tender Truck To M. O.				
21	22						
22	23						
✓23	24	—	WHEELS				
24	25	—	Engine Truck, C. I. Chilled Tread Inch Plated—Spoke Card				
✓25	26	—	Maker Weight Lbs.				
✓26	27						
✓27	28	—	Engine Truck, Steel Tired, Nominal Dia. Card				
✓28	29	—	Maker Tire Thick				
29	30	—	Material Plate or Spoke Center, Tire Fastening				
✓30	✓31						
✓31	✓32	—	Trailing Truck, Steel Tired, Nominal Dia. Card				
✓32	33	—	Maker Tire Thick				
33	34	—	Material Plate or Spoke Center, Tire Fastening				
✓34	35						
✓35	36	—	Tender Truck, C. I. Chilled Tread Inch Plate—Spoke Card				
✓36	37	—	Maker Weight Lbs.				
37	✓38						
38	✓39	8	Tender Truck, CAST Steel ~~Tired~~, Nominal Dia. 33" Card FOR 5½ × 10" JOURNAL				
✓39	✓40		Maker A.S.F. PT. 10952. Tire —— Thick ROUGH BORE 6¾ DIA.	3/8		Davis	X 3/19
✓40	✓41		Material Cast Steel. Plate or Spoke Center, ~~Tire Fastening~~ PT. FOR APPROV.	4			
✓41	42			11			
42	43						
43	✓44	1 SET	Lead 2300 Lbs.				
✓44	45						
45	46	—	Bearing Metal Lbs.	3/10	3/11		
46	✓47	6	Count. Plugs - 2" socket pipe plugs				
✓47	48						
48	49			3/10	3/11		
✓49	50		**GROUP 96—WHISTLE**				
✓50	✓51	1	Whistle Nathan Brass type 963-A-1070 Card — Pt. for appr.		3/8	Nathan	
✓51	52						
52	53						
53	54	—	**GROUP 99—MISCELLANEOUS**				
✓54	55	—	Speed Recorder				
55	56						
✓56	57						
✓57	58	—	Booster				
58	59						
✓59	60						
✓60	61						
✓61	62						
✓62	63						
✓63	64						
✓64	65						
✓65	66						
✓66	67						
✓67	68						

ORDER 20108

STEEL CASTINGS, TO SPEC. A.S.T.M. A-8722T

ITEM	For One Engine	DESCRIPTION	Card	Patt. No.	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 10—ASH PAN**						
2	—	Ash Pan	Card	Patt. No.				
3								
4	—	" " Support	"	" "				
5	—	" " "	"	" "				
6								
7	—	" " Hopper	"	" "				
8	—							
9	—	" " " Door	"	" "				
✓10	2	" " ~~Door~~ Frame	" 103A2	" " 10-149		3/9		
11	—	" " " "	"	" "				
12	—	" " " Slide	"	" "				
13								
14								
15								
16								
17								
18		**GROUP 12—BELL**						
19		Bell Frame	Card	Patt. No.				
✓20	1	" Crank	" 123E1	" " 12-153	4/8	4-9		
21		" Yoke	"	" "				
22								
23								
24		**GROUPS 13 AND 14—BOILER AND DETAILS**						
✓25	1	Fire Box Ring	Card 143A21	Patt. No. 14-116	3/1	3/8		
26	—	" " "	"	" "				
27	—	" Hole "	"	" "				
28	—	" Box Crosstie	"	" "				
✓29	1	Tube Sheet Ring	" 142A82	" " 14-115		3/8		
30								
31								
32	—	Cylinder Saddle	Card	Patt. No.				
33	—	Bearing "	"	" "				
34	—	Centering Device Saddle	"	" "				
35								
36								
37								
38								
X 3/19 39		**GROUP 16—BOXES—DRIVING**						
✓40	2	Box—Driving M-	Card 163B83	Patt. No. 16-232D H		3/8		
✓41	6	" " others	" 163B82	" " 16-233B E		11		
42								
43								
44	—	**GROUP 17—BOXES—TRUCK**						
45	—	Engine Truck Box	Card	Patt. No.				
46			"	" "				
47	—	Trailing Truck Box	"	" "				
48	—	" " " Lid	"	" "				
49	—	" " " Wedge	"	" "				
50								
51	—	Tender Truck Box	"	" "				
52	—	" " " Lid	"	" "				
53	—	" " " Wedge	"	" "				
54								
55								
56	—	**GROUP 18—BRACKETS**						
57	—	Steam Gauge Bracket	Card	Patt. No.				
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								

ORDER_____

STEEL CASTINGS, TO SPEC. A.S.T.M-A-67-22T

ITEM	For One Engine	DESCRIPTION					Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUPS 19 AND 20—BRAKE**								
✓ 2	2	Air Pump Bracket	Card 192A154	Patt. No. 19-244				3/8		
3										
4	—	Brake Hanger	"	" "						
5	—	" "	"	" "						
6	—	" "	"	" "						
7	—	" "	"	" "						
8	—	" "	"	" "						
9	—	" Head	"	" "						
10	—	" "	"	" "						
11	—	" "	"	" "						
12	—	" Shoe	"	" "						
13	—	" "	"	" "						
14										
15	—	Brake Shaft Arm	"	" "						
16	—	" " "	"	" "						
17	—	" " Crank	"	" "						
18	—	" " "	"	" "						
19										
20	—	Brake Lever	"	" "						
21	—	" "	"	" "						
22	—	" " Fulcrum	"	" "						
23	—	" " "	"	" "						
24										
✓ 25	4	Main Reservoir Support	"	193 D3	" "	19-35		3/8		
26	—	" " "	"		" "					
27	—	" " "	"		" "					
28										
29										
30		Distributing Valve Bracket	"		" "					
31										
32										
33		**GROUP 21—BUMPERS**								
34	—	Bumper—Front	Card		Patt. No.					
35	—	" —Back	"		" "					
✓ 36	1	" Knee R	"	212A12	" "	21-30		3/8		
✓ 37	1	" " L.	"	"	" "	21-29		"		
38	—	" Filling	"		" "					
39	—	" End	"		" "					
40	—	" Bracket	"		" "					
41										
42										
43		**GROUPS 22 AND 23—CAB AND DETAILS**								
44	—	Cab Carline Bracket	Card		Patt. No.					
45	—	"	"		" "					
46	—	" Corner Iron	"		" "					
47	—	" Saddle	"		" "					
✓ 48	4	" Apron Hinges	"	232A16	" "	2387	3/10	3/11		
49										
50		**GROUPS 26 AND 27—COCKS AND VALVES**								
✓ 51	1	Universal Joint - Dome Valve -	Cat. 362A80 -	Patt. 36-109			3/24	3-25		
✓ 52	1	Cyl. Cock Lever	Cat. 282B5	Patt. 28-22			3/10	3/11		
✓ 53	1	Universal Joint - Dome Valve	Cat 362A81	" 36-110			3/24	3-25		
54	—	**GROUP 29—CRANK PINS**								
55	—	Crank Pin Collars	Card		Patt. No.					
56										
57										
58										
59		**GROUP 30—CROSSHEADS**								
✓ 60	1	Crosshead—Body R.	Card	303A ~~44~~ 45	Patt. No.	30-~~269~~ 64	3/17	3-18		
✓ 61	1	" - 4 L.	"	4	" "	30-~~269~~	4	4		
62	—	" Arm	"		" "	64				
✓ 63	4	" Shoe	"	302A126	" "	30-271	3/24	3-24		
64										
65										
66										
67										
68										

ORDER_____

STEEL CASTINGS, TO SPEC. A.S.T.M-A-87-22T

ITEM	For One Engine	DESCRIPTION			Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUPS 31, 32 AND 33—CYLINDER AND DETAILS**						
2	—	Cylinder Saddle	Card	Patt. No.				
3	—	"	"	" "				
4	—	" Head, Front	"	" "				
5	—	" " "	"	" "				
6	2	" " Back	" 323A29	" "32-234-B		3/8		
7		" " "	"	" "				
8								
9	—	Steam Chest Head, Front	"	" "				
10	—	" " " "	"	" "				
11	2	" " " Back	" 323A4	" "32-157	3/17	3-18		
12		" " " "	"	" "				
13								
14								
15	—	**GROUP 35—DIE WORK**						
16								
17								
18	—	**GROUP 36—DOME**						
19	—	Auxiliary Dome	Card	Patt. No.				
20								
21	—	**GROUP 37—DRAWGEAR**						
22	—	Coupler	Card	Patt. No.				
23	—	" Pocket	"	" "				
24	—	" Buffer	"	" "				
25								
26	—	Chafing Plate	"	" "				
27	—	Uncoupling Shaft Bracket	"	" "				
28								
29								
30		**GROUP 39—ECCENTRICS**						
31	2	Eccentric Crank	Card	Patt. No.				
32								
33								
34								
35	—	**GROUP 40—ENGINE TRUCK**						
36	—	Engine Truck Frame	Card	Patt. No.				
37	—	" " Crosstie	"	" "				
38	—	" " Pedestal	"	" "				
39	—	" " Bolster	"	" "				
40	—	" " Center Plate	"	" "				
41	—	" " Spring Seat	"	" "				
42	—	" " Rad. Bar End	"	" "				
43	—	" " Center Pin	"	" "				
44	—	" " Swing Link	"	" "				
45								
46								
47	—	**GROUP 41—TRAILING TRUCK**						
48	—	Frame	Card	Patt. No.				
49	—		"	" "				
50	—	Bolster	"	" "				
51	—	Pedestal	"	" "				
52	—	Center Plate	"	" "				
53			"	" "				
54	—	Spring Seat	"	" "				
55	—	" " Yoke	"	" "				
56	—	" Yoke Bracket	"	" "				
57	—	" Case	"	" "				
58	—	" " Cap	"	" "				
59	—	" Seat Ball Joint	"	" "				
60			"	" "				
61	—	Radius Bar	"	" "				
62	—	" " End	"	" "				
63	—	" " Fulcrum	"	" "				
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ORDER_____

STEEL CASTINGS, TO SPEC. A.S.T.M-A-87-22T

ITEM	For One Engine	DESCRIPTION					Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 45—FIRE DOORS**								
2										
3										
4										
5		**GROUP 46—FRAMES**								
✓ 6	1	Frame—R	– Carbon Vanadium	Card 466A7		Patt. No. 46-194C		3/8		
✓ 7	1	" L	"	"	"	" " 46-195C		"		
8	—	"		"		" "				
9	—	"		"		" "				
10	—	Frame Rail—Top		"		" "				
11	—	" " Bottom		"		" "				
12										
13	—	" Pedestal Cap		"		" "				
14										
15	—	" Cradle		"		" "				
16										
17										
18										
19										
20		**GROUP 47—FRAME DETAILS**								
✓ 21	4	Frame Filling		Card 472A32		Patt. No. 47-110		3/8		
22	—	" "		"		" "				
23	—	" "		"		" "				
✓ 24	—	" "		"		" "				
25										
✓ 26	1	Foot Plate		" 473B8		" " 47-107		3/8		
✓ 27	1	Front Deck Casting		" 472A43		" " 47-126		"		
28	—	Center Pin Guide		"		" "				
29	—	Back Head Brace		"		" "				
30										
31		Ash Pan Crosstie		"		" "				
32		Brace "		"		" "				
33	—	Brake Fulcrum "		"		" "				
34	—	Center Pin "		"		" "				
✓ 35	—	Cylinder "		"		" "				
✓ ✓ 36	1	Furnace "		" 473A9		" " 47-108		3/8		
37	—	Equalizer "		"		" "				
38	—	Grate "		"		" "				
✓ 39	1	Pedestal "		" 472-B5		" " 47-111		3/8		
40		" "		"		" "				
41	—	Waist Sheet "		"		" "				
42										
✓ 43	2	Furnace Bearer Shoe		" 473A9		" " 47-112		3/8		
44	—	" " Clamp		"		" "				
45	—	" " Knee		"		" "				
✓ 46	1	Rr. shaft-crosstie		" 474B2		" " 47-106	3/26	3-29		
✓ 47										
48										
49										
✓ 50	—	Centering Device Body		"		" "				
✓ 51	—	" " Top Bearing		"		" "				
✓ 52	—	" " Shoe		"		" "				
53	—	" " Clamp		"		" "				
54										
55										
56	—	Hinge Casting		"		" "				
57										
58										
✓ 59										
✓ 60										
61										
✓ 62										
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ORDER_____

STEEL CASTINGS, TO SPEC. A.S.T.M A-87-22T

ITEM	For One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 50—GUIDES AND ATTACHMENTS**									
✓2	2	Guide Yoke End	Card 503B44	Patt. No. 50-229A				3/27	3-29		
3		" " "	"	" "							
4											
5	—	Guide Yoke Bracket	"	" "							
6											
✓7	1	Guide Yoke ~~Knee~~ Crosstie	" 472A31	" "	47-109				3/8		
8											
9											
10											
11											
12		**GROUPS 51 AND 52—GRATES AND DETAILS**									
✓13	1	Grate Center Rail—~~Front~~	Card 523A14	Patt. No. 52-1151					3/8		
14		" " " —Back	"	" "							
✓15	1	" " " Support—F.	" 522B49	" "	52-1155			3/10	3/11		
✓16	1	" " " " —B.	" 522B13	" "	52-418			"	"		
17		" Side "	"	" "							
18		" " "	"	" "							
19		" " "	"	" "							
20		" Lever Fulcrum	"	" "							
21		" " "	"	" "							
✓22	2	" " Latch -B.	" 522B48	" "	52-1154			3/10	3/11		
✓23	2	" " " -F	" 522A48	" "	52-1153			"	"		
✓24	1	" " " R	" 522A47	" "	52-1150			"	"		
✓25	1	" " " L.	" "	" "	52-1152			"	"		
26		" " "	"	" "							
27		" " "	"	" "							
28		" Shaker Lever	"	" "							
29		" " "	"	" "							
30		" " "	"	" "							
✓31	8	" + Ash Pan Supports	" 522B15	" "	52-446A				3/8		
32											
33											
34	—	**GROUP 53—HANDRAILS AND STEPS**									
35											
36											
37											
38											
39	—	**GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.**									
40											
41											
42											
43											
44	—	**GROUP 55—INJECTOR AND FEED WATER**									
✓45	2	Feed Pipe Hanger Brackets Cd. 552A7-	Patt. 55-75	4/1	L-13						
46											
47											
48											
49	—	**GROUP 57—LAGGING AND JACKET**									
50											
51											
52											
53	—	**GROUP 58—LINK MOTION**									
54	—	Link	Card	Patt. No.							
55	—	"	"	" "							
56	—	" Cheeks	"	" "							
57	—	" "	"	" "							
58	—	" Saddle	"	" "							
59	—	" Support	"	" "							
60	—	" " Crosstie	"	" "							
61	—	" " "	"	" "							
62											
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ORDER_____

STEEL CASTINGS, TO SPEC. A.S.T.M. A-87-22T

ITEM	For One Engine	DESCRIPTION					Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 59—OIL CUPS AND LUBRICATOR**								
2	—	Lubricator Bracket	Card		Patt. No.					
✓ 3	2	~~Crosshead Oil Cup Caps~~	"	592A335	"	" 59-453	3/19	3-20		
4										
5										
6										
7	—	**GROUP 62—PILOT**								
8	—	Pilot Knee	Card		Patt. No.					
9	—	" "	"		"	"				
✓ 10	2	Pipe Clamps (TEND)	"	632B348	"	" 63-737	4/16	4-21		
✓ 11	3	" " " (")	"	632F348	"	" 63-563	"	"		
✓ 12	2	Pipe Clamps	Cd.	632A364	Patt.	63-564	4/8	4/8		
13		**GROUP 63—PIPE FITTINGS**								
✓ 14	9	Pipe Clamp Caps	"	632F348	"	63-563	4/8	4/8		
✓ 15	4	" " "	"	632A348	"	63-561	"	"		
✓ 16	10	" " "	"	632D346	"	63-566	"	"		
✓ 17	8	" " "	"	632J348	"	63-546	"	"		
✓ 18	3	" " "	"	632C348	"	63-562	"	"		
19		**GROUP 65—PISTON AND ROD**								
✓ 20	2	Piston Heads	Card	652D12	Patt. No.	65-577		3-9		
21	—	" Follower	"		"	"				
22	—	"	"		"	"				
23	—	" Rod Guide	"		"	"				
24	—	" " Slide Block	"		"	"				
25										
26										
27										
28										
29	—	**GROUP 66—PLUGS**								
30										
31										
32										
33										
34	—	**GROUPS 68 AND 69—REVERSE LEVER AND SHAFT**								
35	—	Reverse Lever Fulcrum	Card		Patt. No.					
36										
37										
✓ 38	1	Reverse Cylinder Support	"	682A32	"	" 68-110		5/9		
39										
40	—	Screw Reverse Support	"		"	"				
41										
42										
✓ 43	1	Reverse Shaft Arm R	"	692A21	"	" 69-340	3/26	3-29		
✓ 44	1	" " " L.	"	692A20	"	" 69-341	"	"		
✓ 45	2	" " Bearing	"	692A221	"	" 69-350A	3/27	"		
✓ 46	2	" " " Cap	"	"	"	" 69-349A	"			
✓ 47	1	" " " Counterbalance	"	692B25	"	" 69-344	3/26	"		
✓ 48	2	" " Stop	"	692A19	"	" 69-342	"	"		
49										
50		Reach Rod Jaws	"		"	"				
51		" " "	"		"	"				
52										
53										
54	—	**GROUP 71—RUNBOARD**								
55	—	Runboard Bracket	Card		Patt. No.					
56	—	" "	"		"	"				
57										
58										
✓ 59	2	Main Rod B. End Wedges	Cd.	722A26	Patt.	72-250		3/9		
60										
61	—	**GROUP 73—SAND BOX**								
✓ 62	4	Sand Box Pop Rings	Cd.	732A2	Patt.	73-70	3/10	3/11		
63										
64										
65										
66										
67										
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ORDER _____

STEEL CASTINGS, TO SPEC. A.S.T.M-A.87-22T

ITEM	For One Engine	DESCRIPTION					Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 75—SMOKE BOX**								
✓2	1	Smoke Box Door Hinge -Top-	Cd. 752A7		Patt.	75-373	3/10	3/11		
✓3	1	" " " " -Bot	"	"	"	75-374	"	"		
✓4	1	" " " "	"	753A5	"	75-379	"	"		
✓5	1	" " " "	"	"	"	75-380	"	"		
6										
7		**GROUP 77—SPRING RIGGING**								
✓8	6	Driving Box Saddle	Card	772A16	Patt. No.	77-87		3-9		
9	—	" " "	"		"	"				
10	—	" " "	"		"	"				
11										
12	—	Equalizer Front	"		"	"				
✓13	1	" Support. F.	"	772A17	"	" 77-86		3-9		
14		"	"		"	"				
15	—	" Fulcrum—Cyl.	"		"	"				
16	—	" " Back	"		"	"				
✓17	2	Spring Seats	"	772A18	"	" 77-85	3/10	3/11		
18	—	Spring Hanger	"		"	"				
19	—	" "	"		"	"				
20	—	" "	"		"	"				
21	—	" " Gibs	"		"	"				
22	—	" " "	"		"	"				
23	—	" " "	"		"	"				
24										
25										
26										
27		**GROUP 78—STEAM GAUGE, SAFETY VALVE AND TURRET**								
✓28	—	Cab Turret	Card		Patt. No.					
29										
✓30	—	Safety Valve Turret	"		"	"				
31										
32										
33										
34	—	**GROUP 79—STEAM PIPES**								
35										
36										
37										
38										
39	—	**GROUP 80—STOKER**								
40										
41										
42										
43										
44	—	**GROUP 81—SUPERHEATER**								
45	—	Return Bend	Card		Patt. No.					
46	—	" "	"		"	"				
✓47	1	~~Sup. Damper Lgt. Arm~~	"	812B30	"	" 81-3		3-9		
✓48	1	~~" " Shaft~~	"	812A30	"	" 81-3		"		
49										
50		**GROUP 84—TENDER BRAKE**								
51	—	Brake Lever Fulcrum	Card		Patt. No.					
52	—	" " "	"		"	"				
53	—	" Shaft Hanger	"		"	"				
54		Dead Lever Anchor Lug	"		"	"				
55										
✓56	1	Wrecb. Frog Bracket	Cd. 853B10		Patt.	85-103	4/20	4-21		
✓57	1	" " "	"	"	"	85-104	"	"		
✓58	1	" " "	"	"	"	85-105	"	7/1		
59		**GROUP 85—TENDER FRAME**								
60		Frame Side Bearing	Card		Patt. No.					
61		" Filling	"		"	"				
62		"	"		"	"				
63	—	" Bolster	"		"	"				
64		" Center Plate	"		"	"				
65		"	"		"	"				
66	—	Bumper	"		"	"				
67										
68										

ORDER_____

STEEL CASTINGS, TO SPEC. A.S.T.M-A.8722T

ITEM	For One Engine	DESCRIPTION						Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	—	**GROUP 86—TENDER DRAWGEAR**									
2	—	Coupler	Card		Patt. No.						
3	—	" Pocket	"		"	"					
4	—	"	"		"	"					
5	—	" Yoke Filler	"		"	"					
6	—	" Carrier Iron	"		"	"					
7	—	"	"		"	"					
8	—	Draft Gear Cheek Casting	"		"	"					
9											
10	—	Draw Casting—Front									
11	—	Draw Casting—Back	"		"	"					
12	—	Chafing "	"		"	"					
13	—	Spring Buffer Case	"		"	"					
14	2	Pauk Funnel Hinge	"	882B68	"	"	88-94	4/22	4-23		
15	2	" " " Lug	"	882B40	"	"	88-40	"	"		
16	1	" " Handle	"	882A61	"	"	88-8	"	"		
17	—	**GROUP 89—TENDER TRUCK**									
18	—	Truck Columns	Card		Patt. No.						
19	—	" "	"		"	"					
20	—	" Bolster	"		"	"					
21	2	" Center Plate	"	892A93	"	"	89-219	4/8	4/8		
22		"	"		"	"					
23	—	" Spring Seat—Top	"		"	"					
24	—	" " " —Bottom	"		"	"					
25	—	" " Hanger	"		"	"					
26	—	"	"		"	"					
27	—	" Frame	"		"	"					
28	—	" " Crosstie	"		"	"					
29	—	" Pedestal	"		"	"					
30	—	" Swing Frame	"		"	"					
31											
32											
33											
34	—	**GROUP 90—WATER SCOOP**									
35	—	Scoop Shaft Fulcrum	Card		Patt. No.						
36	—	" " Arm	"		"	"					
37											
38											
39	—	**GROUP 91—THROTTLE AND DRY PIPE**									
40	—	Throttle Valve Crank	Card		Patt. No.						
41	1	" Lever Support B.	"	913A81	"	"	91-676	3/24	3-25		
42	1	" " " INT.	"	912A295	"	"	91-677	"	"		
43	1	Dry Pipe ~~Elbow~~ Sleeve	"	912A33	"	"	91-361	3/12	3-13		
44	1	" " ~~Front End~~ BACK.	"	912A32	"	"	91-360	"	"		
45	2	Throttle Rod Jaws	"	912C154	"	"	91-80	4/12	4-13		
46											
47	—	**GROUP 92—TOOLS**									
48	—	Wrecking Frogs	Card		Patt. No.						
49	~~1~~	~~Wrench - C.H. WRIST PIN~~	~~"~~	~~922A7~~	~~"~~	~~"~~	~~92-12~~		3-9		
50	~~1~~	~~" - S.R. KNUCKLE PIN~~	~~"~~	~~922A8~~	~~"~~	~~"~~	~~92-11~~		"		
51	1	" - KNUCKLE PIN	"	922A8	"	"	92-11	4/16	4-21		
52	2	Jack Screw Base	"	922A10	"	"	92-14	"	"		
53	2	" " Pipe	"	"	"	"	92-13	"	"		
54											
55	—	**GROUP 94—VALVES DISTRIBUTION**									
56	—	Piston Valve Body	Card		Patt. No.						
57											
58											
59		Valve Rod Crosshead	"		"	"					
60	—	" Stem Guide	"		"	"					
61											
62											
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ORDER_____

STEEL CASTINGS, TO SPEC. A.S.T.M-A-87-22T

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 95—WHEELS**				
2	2	Driving Wheel Center No. 1 -F Card 953L-16 Patt. No. 95-270	3/10	3/11		
3	2	" " " No. 2 -INT- " 953L-17 " " 95-271	"	"		
4	2	" " " No. 3 -M- " 953L-15 " " 95-269		"		
5	2	" " " No. 4 -B- " 953L-16 " " 95-270	3/10	"		
6	—	" " " No. 5 " " "				
7						
8						
9						
10						
11						
12	—	Engine Truck Wheel Center Card Patt. No.				
13						
14	—	Trailing Truck Wheel Center Card Patt. No.				
15						
16						
17						
18						
19						
20						
21						
22	—	**GROUP 96—WHISTLE**				
23	—	Whistle Elbow Card Patt. No.				
24						
25						
26						
27						
28						
29						
30	—	**GROUP 99—MISCELLANEOUS**				
31	—	Booster				
32						
33						
34						
35						
36						
37	—	Speed Recorder				
38						
39						
40						
41						
42						
43						
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ORDER_____

MALLEABLE CASTINGS, TO SPEC.

ITEM	For One Engine	DESCRIPTION			Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 10—ASH PAN**						
2		Ash Pan and Hopper	Card	Patt. No.				
3		" " Hopper Door	"	" "				
4		" " Pocket	"	" "				
5		Ash Pan Support	"	" "				
6		" " "	"	" "				
7								
8								
9		**GROUP 12—BELL**						
10		Bell Clapper	Card	Patt. No.				
11		" " Jaw Hinge	"	" "				
12		" Crank	"	" "				
13		" Rope Eye	"	" "				
14		" " Thimble	"	" "				
15								
16								
17		**GROUPS 13 AND 14—BOILER AND DETAILS**						
18								
19								
20								
21								
22								
23		**GROUPS 16 AND 17—BOXES, DRIVING AND TRUCK**						
24		Truck Box Lid	Card	Patt. No.				
25								
26		Truck Box Wedge	Card	Patt. No.				
27								
28								
29		**GROUP 18—BRACKETS**						
30		Gauge Stand	Card	Patt. No.				
31								
32								
33								
34		**GROUPS 19 AND 20—BRAKE**						
35		Distributing Valve Bracket	Card	Patt. No.				
36		Air Turret	"	" "				
37								
38								
39								
40								
41		**GROUP 21—BUMPERS**						
42								
43								
44								
45		**GROUP 23—CAB DETAILS**						
46		Storm Window Frame	Card	Patt. No.				
47		" " Sash	"	" "				
48		" " Sliding Block	"	" "				
49		" " Rod	"	" "				
50		" " Guide Bracket	"	" "				
51		" " Lock Bolt	"	" "				
52		" " " Handle	"	" "				
53		Cab Door Stop	"	" "				
54		" " Fixture Slide	"	" "				
55		" " " Brackets	"	" "				
56		" " " Thumb Screw	"	" "				
57		"	"	" "				
58		" Ventilator Handle	"	" "				
59		" " Thumb Screw	"	" "				
60		"	"	" "				
61		" Apron Hinge	"	" "				
62		" " " Links	"	" "				
63								
64								
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MALLEABLE CASTINGS, TO SPEC.

ORDER _____

ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUPS 26 AND 27—COCKS AND VALVES**				
2		Cock Handle Card " Patt. No. " "				
3		" " " " "				
4		Cyl. Cock Body " " "				
5		" " Shank " " "				
6		" " "				
7		Gauge Cock Handle " " "				
8		" " Dripper " " "				
9		Water Gauge Fitting Handle " " "				
10	1	Whistle Valve Handle " 262B120 " " B.L.W. 114605	3/19	3-20		
11						
12						
13		**GROUP 28—COCK RIGGING**				
14		Blow Off Cock Handle Card " Patt. No. " "				
15						
16		Cyl. Cock Lever " " "				
17		" " " Fulcrum " " "				
18						
19						
20						
21		**GROUP 30—CROSSHEAD**				
22						
23						
24						
25		**GROUP 37—DRAWGEAR**				
26		Uncoupling Shaft Bracket Card " Patt. No. " "				
27		" " " " " "				
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32						
33		**GROUPS 40 AND 41—ENGINE AND TRAILING TRUCK**				
34						
35						
36						
37						
38		**GROUP 45—FIREDOOR**				
39						
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41						
42		**GROUPS 46 AND 47—FRAME DETAILS**				
43						
44						
45						
46		**GROUP 52—GRATE DETAILS**				
47		Grate Lever Latch Card " Patt. No. " "				
48		" " " " " "				
49						
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51						
52						
53						
54		**GROUP 53—HANDRAILS AND STEPS**				
55		Bumper Step Card " Patt. No. " "				
56		Cab " " " " "				
57		Sand Box " " " " "				
58		Running Board Step " " " "				
59		" " " "				
60		Tender Step " " " "				
61		" " " " "				
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MALLEABLE CASTINGS, TO SPEC.

ITEM	For One Engine	DESCRIPTION			Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.**						
2		Flag Bracket	Card	Patt. No.				
3		Lamp "	"	" "				
4		" "	"	" "				
5		" Base	"	" "				
6								
7								
8		**GROUP 55—INJECTOR AND FEED WATER**						
9		Feed Pipe Coupling	Card	Patt. No.				
10		" " "	"	" "				
11		" " Hanger Bracket	"	" "				
12								
13								
14		**GROUP 57—LAGGING AND JACKET**						
15		Lagging Panel Handle	Card	Patt. No.				
16			"	" "				
17	62	Jacket Clamp	" 57046 Style 2	" " 57-28				
18		" "	"	" "				
19	12	Plug Casing—Washout	" 57246	" " 57-4				
20		" " "	"	" "				
21	3	" " —Arch Tube	" 57286	" " 57-5				
22								
23		**GROUP 58—LINK MOTION**						
24								
25								
26		**GROUP 59—OIL CUPS AND LUBRICATOR**						
27		Oil Cup	Card	Patt. No.				
28		" "	"	" "				
29		" "	"	" "				
30		" "	"	" "				
31		Grease Cup	"	" "				
32		" "	"	" "				
33		" "	"	" "				
34		" "	"	" "				
35								
36								
37								
38		**GROUP 60—OIL BURNING ATTACHMENTS**						
39								
40								
41								
42		**GROUPS 63 AND 64—PIPE FITTINGS**						
43		Blower Pipe Elbow	Card	Patt. No.				
44			"	" "				
45		Coal Sprinkler Fitting	"	" "				
46			"	" "				
47		Pipe Flange	"	" "				
48		" "	"	" "				
49		" "	"	" "				
50		" "	"	" "				
51								
52								
53		**GROUP 73—SAND BOX**						
54		Sand Box Rod Handle	Card	Patt. No.				
55		" " Shaft Bearing	"	" "				
56		" " Top Ring	"	" "				
57								
58								
59		**GROUP 75—SMOKE BOX**						
60		Smoke Box Door Hinge—Top	Card	Patt. No.				
61		" " " " —Bot.	"	" "				
62		" " " Lug—Top	"	" "				
63		" " " " —Bot.	"	" "				
64		" " " Buttons	"	" "				
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MALLEABLE CASTINGS, TO SPEC.

ORDER_____

Purch. Order No.	ITEM	For One Engine	DESCRIPTION			Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
	1		**GROUP 77—SPRING RIGGING**						
	2								
	3								
	4								
	5		**GROUP 78—STEAM GAUGE, SAFETY VALVE AND TURRET**						
	6		Cab Turret Valve Handle	Card	Patt. No.				
	7		" " Extension Handle	"	" "				
	8								
	9								
	10		**GROUP 79—STEAM PIPES**						
	11		Steam Pipe Casing Clamp	Card	Patt. No.				
	12								
	13								
	14								
	15		**GROUP 81—SUPERHEATER**						
	16		Damper Shaft Arm—R.	Card	Patt. No.				
	17		" " " —L.	"	" "				
	18		" " Bearing—R.	"	" "				
	19		" " " —L.	"	" "				
	20								
	21								
	22								
	23								
	24		**GROUP 82—TANK VALVES**						
	25		Tank Valve	Card	Patt. No.				
	26		" " Seat	"	" "				
	27		" " Stuffing Box	"	" "				
	28		" " " " Nut	"	" "				
	29		" " Handle	"	" "				
	30		" " Gland	"	" "				
	31		" " Goose Neck	"	" "				
	32		" " Hose Nut	"	" "				
	33		" Well	"	" "				
	34								
	35								
	36								
	37		**GROUP 84—TENDER BRAKE**						
	38		Brake Shaft Hand Wheel	Card	Patt. No.				
	39		" " Pawl	"	" "				
	40		" " Ratchet	"	" "				
	41			"	" "				
	42		Truck Brake Head	"	" "				
	43		" " Dead Lever Anchor Lug	"	" "				
	44								
	45								
	46		**GROUP 85—TENDER FRAME**						
	47		Floor Anchor Castings	Card	Patt. No.				
	48		Push Pole Stop	"	" "				
	49								
	50								
	51								
	52		**GROUP 86—TENDER DRAWGEAR**						
	53		Coupler Carry Iron	Card	Patt. No.				
	54			"	" "				
	55		Uncoupling Shaft Bracket	"	" "				
	56		" " "	"	" "				
	57								
	58								
	59								
	60		**GROUP 87—TENDER DECK AND TOOL BOX**						
	61		Tool Box Handle	Card	Patt. No.				
	62								
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ORDER_____

MALLEABLE CASTINGS, TO SPEC.

ITEM	For One Engine	DESCRIPTION			Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUP 88—TENDER TANK**						
2		Drain Pipe Flange	Card	Patt. No.				
3			"	" "				
4			"	" "				
5		Tank Funnel Handle	"	" "				
6		" " Hinge	"	" "				
7		" " " Lug	"	" "				
8								
9								
10								
11		**GROUP 89—TENDER TRUCK**						
12		Truck Columns	Card	Patt. No.				
13		"	"	" "				
14		" Spring Seat	"	" "				
15		" " End	"	" "				
16								
17								
18		**GROUP 90—WATER SCOOP**						
19								
20								
21								
22								
23								
24		**GROUP 91—THROTTLE AND DRY PIPE**						
25		Throttle Crank	Card	Patt. No.				
26		"	"	" "				
27		" Lever Handle	"	" "				
28		" " Quadrant	"	" "				
29		" " Fulcrum	"	" "				
30		" " Latch Guide	"	" "				
31		" " Link	"	" "				
32		" " Yoke	"	" "				
33								
34								
35								
36								
37		**GROUP 92—TOOLS**						
38		Torch	Card	Patt. No.				
39		" Top	"	" "				
40		" Base	"	" "				
41								
42								
43								
44								
45								
46								
47								
48								
49								
50		**GROUP 96—WHISTLE**						
51		Whistle Lever	Card	Patt. No.				
52		" Fulcrum	"	" "				
53		" Rod Jaw	"	" "				
54								
55								
56								
57								
58		**GROUP 99—MISCELLANEOUS**						
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BRASS CASTINGS

ORDER_____

ITEM	For One Engine	DESCRIPTION			Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1		**GROUPS 16 AND 17—BOXES, DRIVING AND TRUCK**						
✓2	2	Driving Box Brass—Main	NICKEL BRONZE	Card 162 B 80 Patt. No. 16-234		3-9	Damascus	
✓3	6	" " " —Others	"	" 162 A 80 " " 16-235		4	"	
4								
5								
6	—	Driving Box Hub Liner—Main	"	" "				
7	—	" " " " —Others	"	" "				
8								
9								
10	—	Dr. Box Pedestal Face Liner—Main	"	" "				
11	—	" " " " " —Others	"	" "				
12								
13								
14	—	Engine Truck Box Brass	"	" "				
15	—	" " " Hub Liner	"	" "				
16								
17	—	Trailing Truck Box Brass	"	" "				
18	—	" " " Hub Liner	"	" "				
19								
20								
21	—	Tender Truck Box Brass	"	" "				
22								
23								
24								
25								
26		**GROUP 30—CROSSHEADS**						
27	—	Crosshead Shoe—Top	Card	Patt. No.				
28	—	" " —Bottom	"	" "				
29								
30								
31								
32		**GROUP 39—ECCENTRIC**						
33	—	Eccentric Rod Brass	Card	Patt. No.				
34								
35								
36		**GROUP 46—FRAMES**						
37	—	Pedestal Shoe—Main	Card	Patt. No.				
38	—	" " —Others	"	" "				
39								
40	—	Pedestal Wedge—Main	"	" "				
41	—	" " —Others	"	" "				
42								
43								
44								
45								
46	—	**GROUP 58—LINK MOTION**						
47	—	Link Bushing	Card	Patt. No.				
48	—	" Support Bushing	"	" "				
49								
50	—	Radius Rod Bushing	"	" "				
51								
52	—	Combination Lever Bushing	"	" "				
53								
54	—	Union Link Bushing	"	" "				
55								
56	—	Transmission Bar Bushing	"	" "				
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ORDER

BRASS CASTINGS

ITEM	ITEM	For One Engine	DESCRIPTION				Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
1	1		**GROUP 72—RODS**							
2	✓ 2	4	Main Rod Brass—Front	NICKEL BRONZE	Card 722F4	Patt. No. 72-145		3/a	Damascus.	
3	3		" " "		"	" "				
4	✓ 4	2	" " " —Back	F.HALF "	" 722K11	" " 72-249		11	"	
5	✓ 5	2	" " " " B "	"	" "	" " 72-514		11	"	
6	6									
7	✓ 7	2	Side Rod Brass—Front	"	" 722D25	" " 72-246		11	"	
8	8		" " "		"	" "				
9	✓ 9	2	" " " —Intermediate	"	" 722E25	" " 72-333		11	"	
10	10		" " "		"	" "				
11	✓ 11	2	" " " —Main	"	" 722B24	" " 72-245		11	"	
12	12		" " "		"	" "				
13	✓ 13	2	" " " —Back	"	" 722D25	" " 72-246		11	"	
14	14		" " "		"	" "				
15	✓ 15	4	" " " —Knuckle Joint	"	" 722K5	" " 72-248		11	"	
16	16									
17	17									
18	18									
19	19									
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21	21									
22	22		**GROUP 82—TANK VALVES AND COCKS**							
23	23		Tank Valve		Card	Patt. No.				
24	24		" " Seat		"	" "				
25	25		"		"	" "				
26	26		"		"	" "				
27	27		" Hose Nut		"	" "				
28	28		" " "		"	" "				
29	29		" " Thimble		"	" "				
30	30		" " "		"	" "				
31	31		" Gooseneck		"	" "				
32	32									
33	33									
34	34		Tank Cock		"	" "				
35	35		" " Body		"	" "				
36	36		" " Nut		"	" "				
37	37		" " Handle		"	" "				
38	38									
39	39									
40	40									
41	41									
42	42	—	**GROUP 95—WHEELS**		Card	Patt. No.				
43	43	—	Driving Wheel Hub Liner—Main		"	" "				
44	44	—	" " " "		"	" "				
45	45	—	" " " " —Others							
46	46									
47	47									
48	48	—	Eng. Truck Wheel Hub Liner		"	" "				
49	49									
50	50	—	Trail. Truck Wheel Hub Liner		"	" "				
51	51									
52	52									
53	53									
54	54									
55	55									
56	56	—	**GROUP 99—MISCELLANEOUS**							
57	57									
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BRASS CASTINGS

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ITEM	For One Engine	DESCRIPTION	Date of Entry D. R.	Date of Entry P. D.	ORDERED FROM	Purch. Order No.
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